



# Fall Debate School Book 2

## Debate Workbook

# **Fall Debate School**

## **Book 2**

### **Debate Workbook**

Drills and exercises for the beginning debater

2023 Edition

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Debate School

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# Cheat Sheets and Charts



## THE LANGUAGE OF NALANDA DEBATE

### CHALLENGER



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#### STATEMENT OF THESIS

**Take the subject X**

**It follows that it is/has Y**

#### STATEMENT OF THESIS AND REASON (3-PART SYLLOGISM)

**Take the subject X**

**It follows that it is/has Y**

**Because it is/has Z**

#### STATEMENT OF PERVASION

**It follows that if *it* is/has A, then *it* necessarily is/has B**

#### COUNTING THE JOINTS OF DEBATE

**It follows you can posit the difference between A and B in terms of *Three Joints, Four Joints, Equivalence, or Contradiction.***

#### INFORMATION SEEKING QUESTIONS

**It follows you can posit the definition/categories/an example of C.**

(after Defender accepts)

**Posit it/them**

#### REQUESTING A REASON

**X is/has Y because...?**

#### REQUESTING AN EXAMPLE AFTER DEFENDER DENIES A PERVASION

**Posit an example!**

#### WHEN DEFENDER GOES BACK ON A POSITION

**Tsa! / Strike! / Contradiction!**

#### CLARIFYING QUESTIONS

**State the pervasion** (said after a reason is denied with “No Pervasion”)

**State the thesis** (said after a thesis is either accepted or denied)

**State the reason** (said after a reason is denied)

## DEFENDER



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RESPONDING TO A THESIS STATEMENT/STATEMENT OF PERVASION

**I accept**  
**Why?**

RESPONDING TO A REASON/3-PART SYLLOGISM

**No Pervasion**  
**The reason's not true.**  
**I accept**

RESPONDING TO AN INFORMATION SEEKING QUESTION

**Take the subject X**

RESPONDING TO A REQUEST FOR A REASON

**Because it is/has Z**

RESPONDING TO A REQUEST FOR AN EXAMPLE AFTER DENYING A PERVASION

**Take the subject X**

RESPONDING TO A CLARIFYING QUESTION

*(if asked to state the pervasion)*

**If *it* is/has A, then *it* is not necessarily/does not necessarily have B**

*(if clarifying a thesis you accepted)*

**I accept that X is Y**

*(if clarifying a thesis you denied by saying "Why?")*

**Why is X Y?**

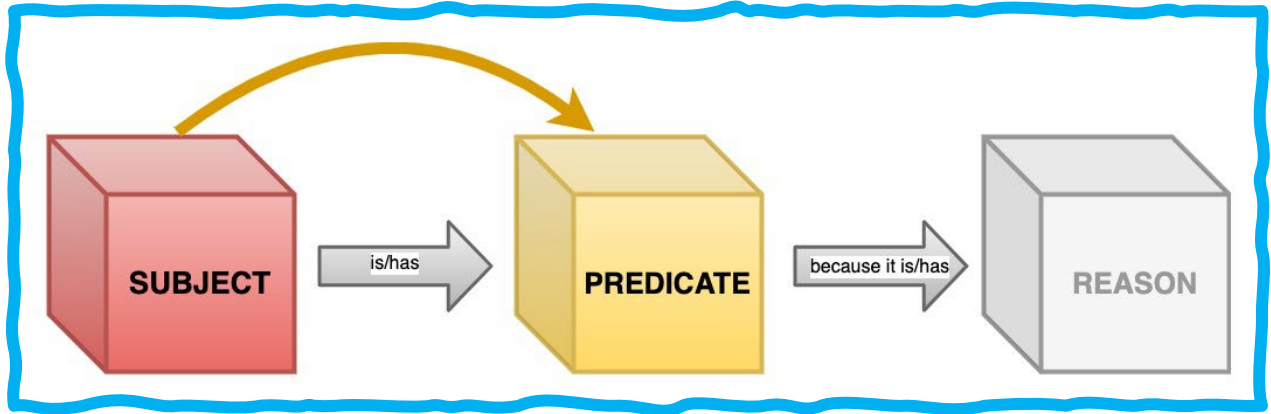
*(if clarifying a reason you denied by saying "Reason's not true")*

**I deny that X is Y**

# The Four Answers - Visual Guide

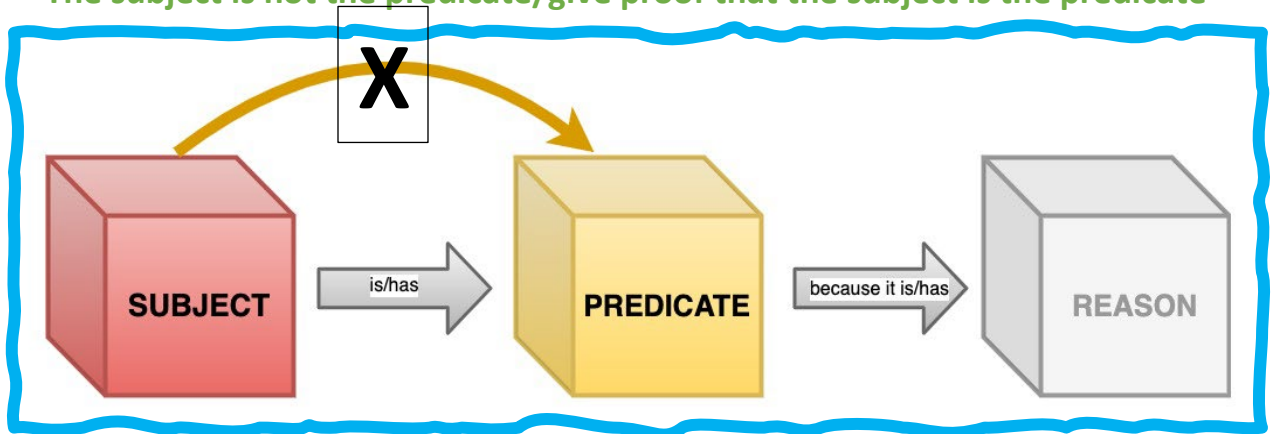
## I ACCEPT

The subject is the predicate



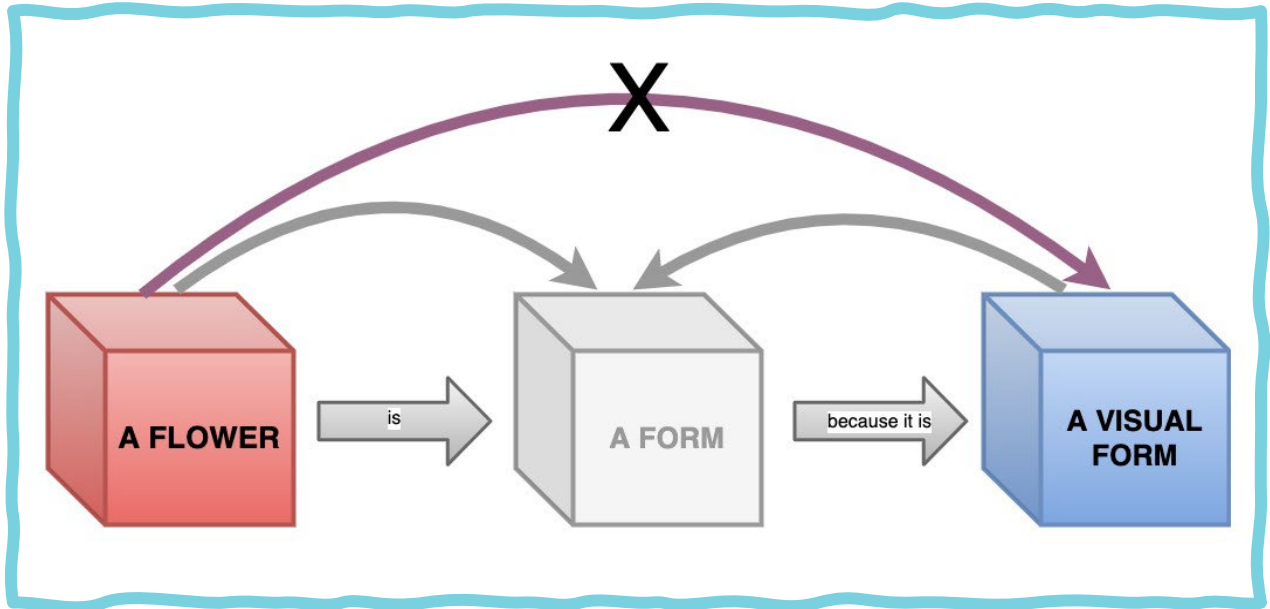
## WHY?

The subject is not the predicate/give proof that the subject is the predicate



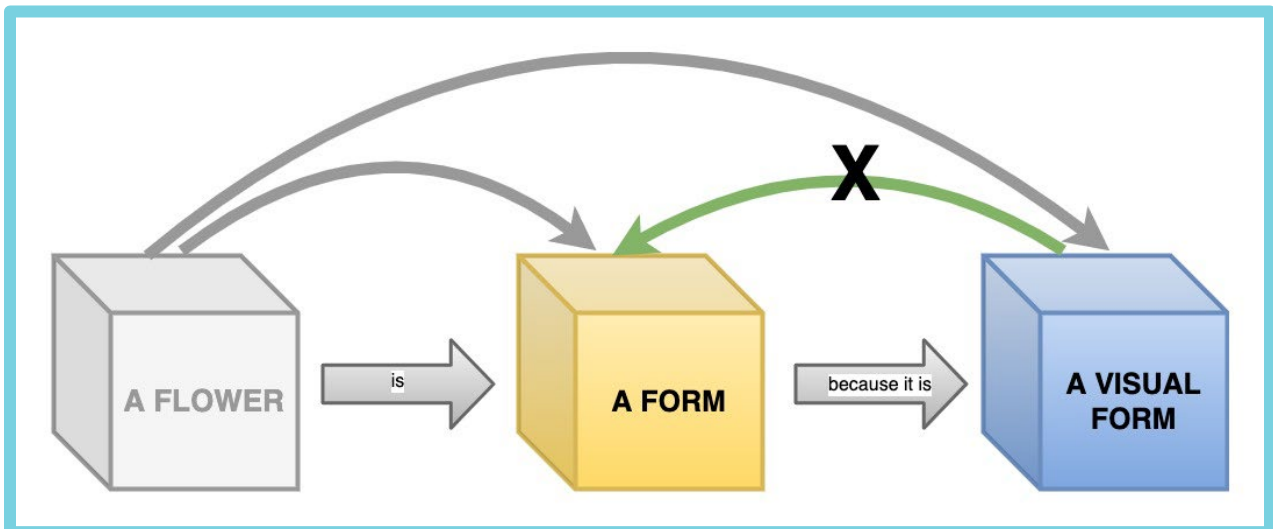
## REASON'S NOT TRUE

The subject is not the reason (the reason is not established within the subject)



## NO PERVASION

There is no pervasion between the reason and the predicate (if it's the reason, it's not necessarily the predicate)



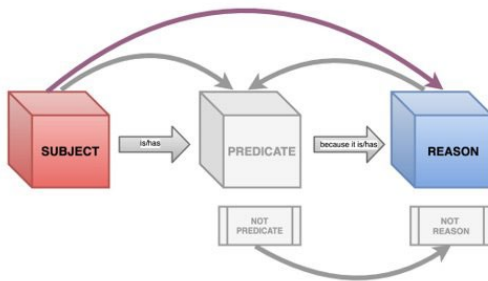
# THE THREE LIMBS OF A FLAWLESS REASON

## All Three Limbs:

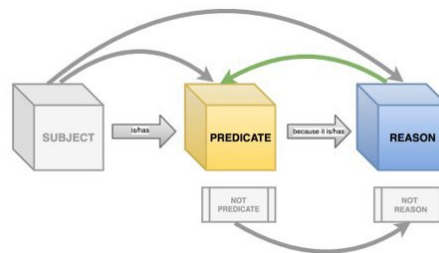
subject	predicate	reason
a flower	impermanent	a product

1. A flower is a product
2. If it is a product it is necessarily impermanent.
3. If it is **not** impermanent it is necessarily **not** a product.

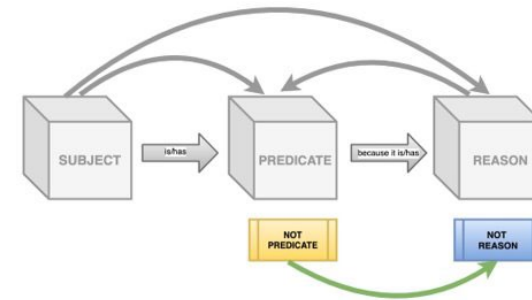
1.



2.



3.





# SUMMARY OF EXTENDED DEBATE RESPONSES [CHEAT SHEET]

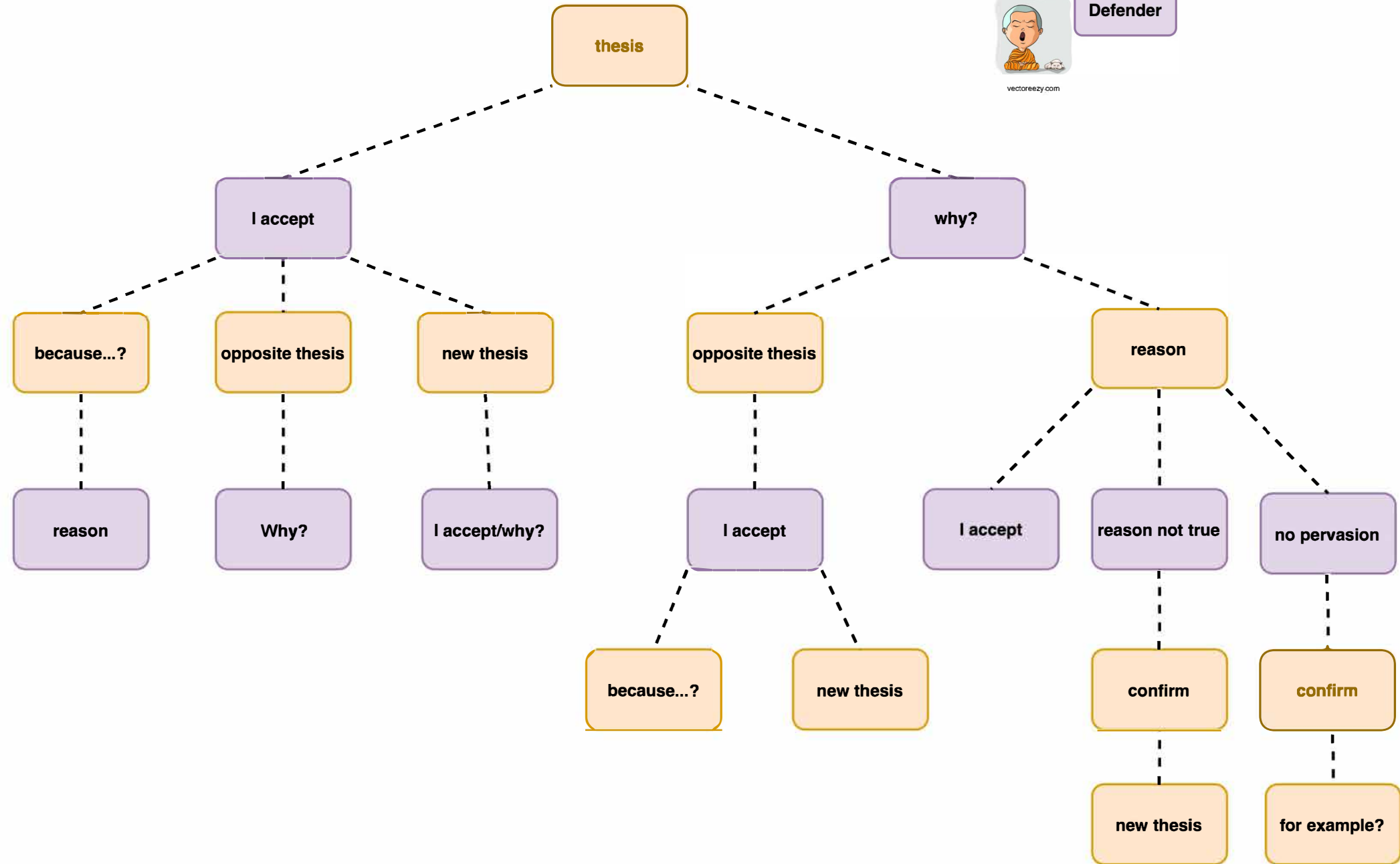


Challenger



Defender

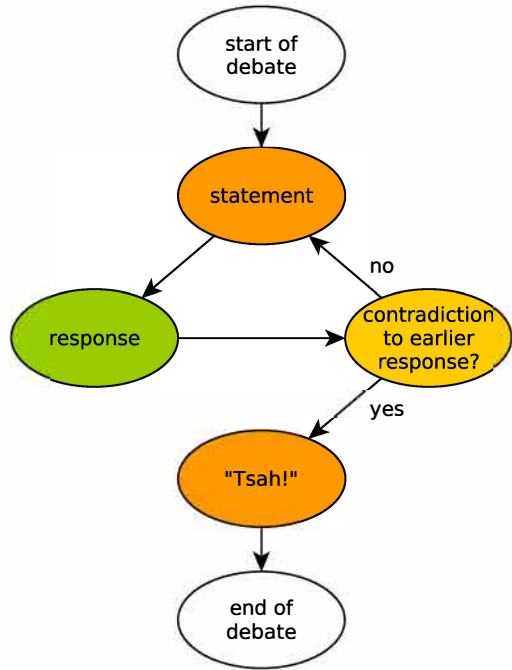
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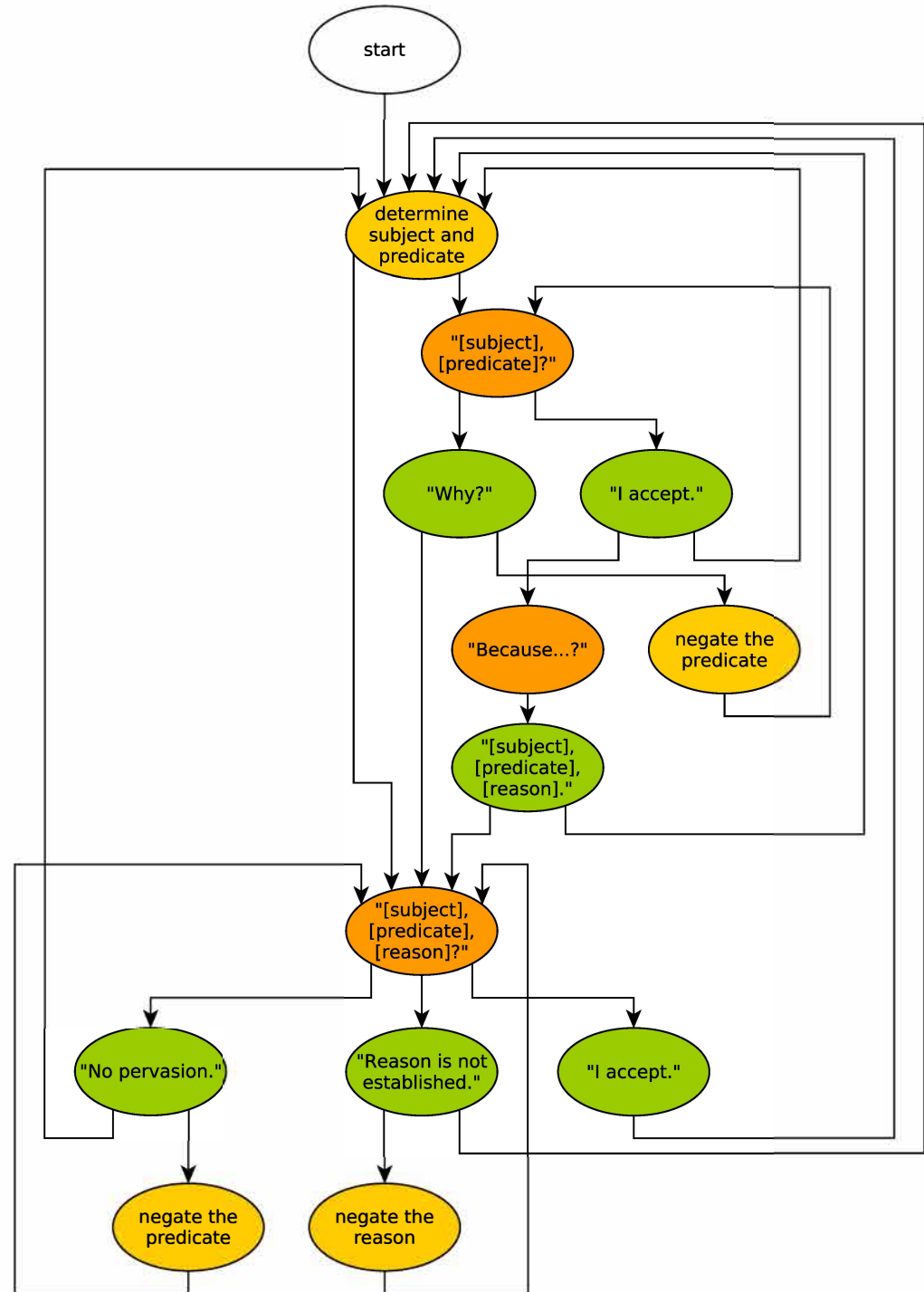
# Flow of Debate

The small chart below is a bird's eye view on the flow of a simple debate

More specific interactions are shown in the bigger chart on the right.



## Color legend



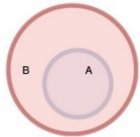
## How to Count the Joints of Debate

The assertions here are made from the perspective of the Nalanda Tradition.

Note that for equivalence and contradiction there may *sometimes* be something that is neither (a) nor (b), but the convention is not to count that as a separate Joint.

**(a) Form** and **(b) External Matter** have...

**3 Joints.**



If **it** is **(a) form**, **it** is necessarily **(b) external matter**.

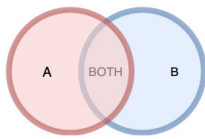
If **it** is **(b) external matter**, **it** is not necessarily **(a) form**.

There is something that is neither.

1. Something which is both  
= **the color white**
2. Something which is **(b) external matter** but not **(a) form**  
= **the word "OK"**
3. Something which is neither **(a) form** nor **(b) external matter**  
= **unicorns**

**(a) Form and (b) One (aka a singular object) have...**

**4 Joints.**



If **it** is (a) form, **it** is not necessarily (b) one.

If **it** is (b) one, **it** is not necessarily (a) form.

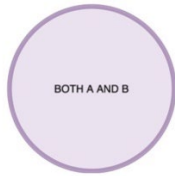
There is something that is both.

There is something that is neither.

1. Something which is both  
= **the color white**
2. Something which is (a) Form but not (b) One:  
= **the colors red and white**
3. Something which is (b) One but not (a) Form  
= **the eye consciousness**
4. Something which is neither (a) Form nor (b) One  
= **the eye consciousness and the ear consciousness**

**(a) Form and (b) an object seen in the domain of visual consciousness are...**

**Equivalent.**



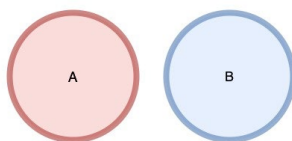
If **it** is (a) form, **it** is necessarily (b) an object seen in the domain of visual consciousness.

If **it** is (b) an object seen in the domain of visual consciousness, **it** is necessarily (a) Form.

1. Something which is both  
= **the shape of an elephant.**

**(a) Form and (b) Consciousness are...**

**contradictory.**



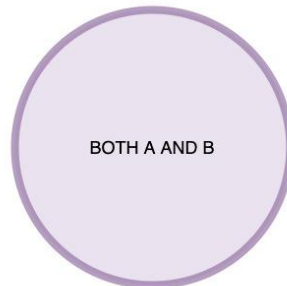
If **it** is (a) form, **it** is necessarily **not** (b) consciousness.

If **it** is (b) consciousness, **it** is necessarily **not** (a) form.

1. Something which is (a) Form but not (b) Consciousness:  
= **the color red**
2. Something which is (b) consciousness but not (a) Form  
= **the eye consciousness.**

**TEMPLATE**  
**The Joints of Reasoning**

**EQUIVALENCE:**



C: It follows that you can posit the difference between (a) a cat and (b) a feline, in terms of *Three Joints, Four Joints, Equivalence, or Contradiction*.

D: I accept.

C: Posit it.

D: Equivalence.

**[asking for reason for equivalence]**

C: Take the subject: a cat and a feline. They are equivalent because...?

D: Because they have the eight doors of pervasion.

**[the eight doors of pervasion]**

[the two doors of being]

(1) if it is a cat, it is necessarily a feline

(2) if it is a feline, it necessarily is a cat.

[the two doors of non-being]

(3) If it is not a cat, it is necessarily not a feline

(4) if it is not a feline, it necessarily is not a cat.

[the two doors of existence]

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(5) If **it** has a **cat**, **it** necessarily has a **feline**

(6) if **it** has a **feline**, **it** necessarily has a **cat**.

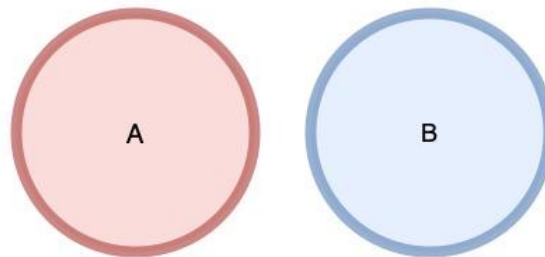
[the two doors of non-equivalence]

(7) If **it doesn't** have a **cat**, **it** necessarily **doesn't** have a **feline**

(8) if **it doesn't** have a **feline**, **it** necessarily **doesn't** have a **cat**.

[examples are not needed for equivalent phenomena, but you may ask for them if you like.]

### CONTRADICTION:



C: It follows that you can posit the difference between (a) a **cat** and (b) a **dog** in terms of **Three Joints, Four Joints, Equivalence, or Contradiction**.

D: I accept.

C: Posit it.

D: Contradiction.

C: Take the subject: a **cat and a dog**. They are contradictory because...?

D: Because they are distinct phenomena which have joint hub. (e.g., *nothing which is both of them exists*)

### [confirming pervasions]

C: It follows that if **it** is a **cat**, then it is necessarily **not** a **dog**.

D: I accept.

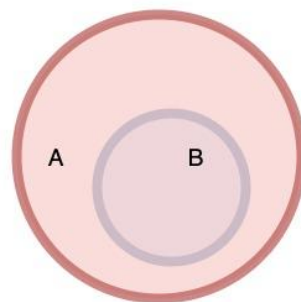
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C: It follows that if **it** is a **dog**, then it is necessarily **not a cat**.

D: I accept.

[examples not needed for contradiction, but you ask for them if you like.]

### THREE JOINTS:



C: It follows you can posit the difference between (a) a **black cat** and (b) a **feline** in terms of **Three Joints, Four Joints, Equivalence, or Contradiction**.

D: I accept.

C: Posit it.

D: Three Joints.

C: Which pervades which?

D: If **it** is a **black cat**, it is necessarily a **feline**. If **it** is a **feline**, it is not necessarily a **black cat**.

### [confirming pervasion]

C: It follows that if **it** is a **feline**, then it is not necessarily a **black cat**.

D: I accept.



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### [examples]

C: Posit an example of **something** that is **a feline** and **not a black cat**.

D: Take the subject **A white cat**.

C: Take the subject: **a white cat**. It follows that it is **a feline**.

D: I accept.

C: Take the subject: **a white cat**. It follows that it is **not a black cat**.

D: I accept.

C: Posit an example of **something** that is joint hub of **a feline** and **a black cat**.

D: Take the subject: **The black cat in the garden**.

C: Take the subject: **the black cat in the garden**. It follows that it is **a feline**.

D: I accept.

C: Take the subject: **the black cat in the garden**. It follows that it is **a black cat**.

D: I accept.

C: Posit an example of **something** that it is **neither a feline nor a black cat**.

D: Take the subject: **A tree**.

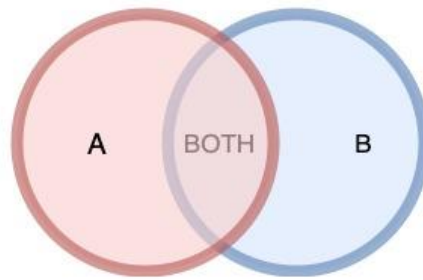
C: Take the subject: **a tree**. It follows that it is **not a feline**.

D: I accept.

C: Take the subject: **a tree**. It follows that it is **not a black cat**.

D: I accept.

## FOUR JOINTS:



C: It follows you can posit the difference between (a) a cat and (b) a female animal in terms of *Three Joints, Four Joints, Equivalence, or Contradiction*.

D: I accept.

C: Posit it.

D: Four Joints.

### [confirming pervasions]

C: It follows that if it is a cat, then it is not necessarily a female animal.

D: I accept.

C: It follows that if it is a female animal, then it is not necessarily a cat.

D: I accept.

### [examples]

C: Posit an example of something that is a cat and not a female animal.

D: Take the subject: a male cat.

C: Take the subject: a male cat. It follows that it is a cat.

D: I accept.

C: Take the subject: a male cat. It follows it is not a female.

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D: I accept.

*(Now the Challenger may ask for reasons)*

C: Posit an example of **something** that is **a female animal** but **not a cat**.

D: Take the subject: **A cow**.

C: Take the subject: **a cow**. It follows that it is **a female animal**.

D: I accept.

C: Take the subject: **a cow**. It follows that it is **not a cat**.

D: I accept.

*(Now the Challenger can ask for reasons)*

C: Posit an example of **something** which is both **a cat** and **a female animal**.

D: Take the subject: **A tigress**.

C: Take the subject: **a tigress**. It follows that it is **a cat**.

D: I accept.

C: Take the subject: **a tigress**. It follows that it is **a female**.

D: I accept.

*(Now the Challenger can ask for reasons)*

C: Posit an example of **something** that is **neither a cat nor a female animal**.

D: An ink pot.

C: Take the subject: **an ink pot**. It follows that it is **not a cat**.

D: I accept.

C: Take the subject: **an ink pot**. It follows that it is **not a female animal**.

D: I accept.

*(Now the Challenger can ask for reasons)*

# Worksheets and Drills



## WORKSHEET 1

### Asking/Answering Theses

**Instructions:** Decide who will be Challenger and who will be Defender. The Challenger says “Take the subject” and says the written subject. Then they say “It follows that it is” and then says the predicate. You may add articles like “the, a, an” as desired, or add “s” for a plural.

The Defender then answers with either “I accept” or “Why?” After #15, switch roles. Ask and answer as quickly as you can!

---

1 **Subject:** Cow **It follows it is:** Animal

---

2 **Subject:** Cow **It follows it is:** Camel

---

3 **Subject:** Camel **It follows it is:** Mammal

---

4 **Subject:** Mammal **It follows it is:** Camel

---

5 **Subject:** Car **It follows it is:** Train

---

6 **Subject:** Train car **It follows it is:** Car

---

7 **Subject:** Toyota **It follows it is:** Car

---

8 **Subject:** Car **It follows it is:** Toyota

---

9 **Subject:** Tesla **It follows it is:** Car

---

10 **Subject:** Bat **It follows it is:** Bird

---

11 **Subject:** Boar **It follows it is:** Animal

---

---

12 **Subject:** Boat **It follows it is:** Shape

---

13 **Subject:** Color of a boat **It follows it is:** White

---

14 **Subject:** Color of a cat **It follows it is:** Black

---

15 **Subject:** Cat **It follows it is:** Predator

---

**NOW SWITCH ROLES**

**NOW SWITCH ROLES**

---

16 **Subject:** Shape of a boat **It follows it is:** Form

---

17 **Subject:** Wealth **It follows it is:** Happiness

---

18 **Subject:** Wealth **It follows it is:** Cause of Happiness

---

19 **Subject:** Wealth **It follows it is:** Cause of suffering

---

20 **Subject:** Green **It follows it is:** Color of grass

---

21 **Subject:** Electron **It follows it is:** Particle

---

22 **Subject:** Shape of an  
electron **It follows it is:** Round

---

23 **Subject:** Color of an  
electron **It follows it is:** White

---

24 **Subject:** Color of a rainbow **It follows it is:** Red

---

25 **Subject:** Color of clouds **It follows it is:** White

---

26 **Subject:** Gravity **It follows it is:** Force

---

---

**27 Subject: Sun**

**It follows it has: Gravity**

---

**28 Subject: Earth**

**It follows it: Revolves around the Sun**

---

**29 Subject: Earth**

**It follows it is: Planet**

---

**30 Subject: Pluto**

**It follows it is: Planet**

---

## WORKSHEET 2

### Asking/Answering Theses

**Instructions:** Decide who will be Challenger and who will be Defender. The Challenger says “Take the subject” and says the written subject. Then they say “It follows that it is” and then says the predicate. You may add articles like “the, a, an” as desired, or add “s” for a plural.

The Defender then answers with either “I accept” or “Why?” After #15, switch roles. Ask and answer as quickly as you can!

---

1 **Subject:** Happiness **It follows it is:** Consciousness

---

2 **Subject:** Happiness **It follows it is:** Attainable

---

3 **Subject:** Mind **It follows it is:** Experience

---

4 **Subject:** Experience **It follows it is:** Consciousness

---

5 **Subject:** Germany **It follows it is:** Country

---

6 **Subject:** European **It follows they are:** French

---

7 **Subject:** Emotion **It follows it is:** in the brain

---

8 **Subject:** Compassion **It follows it is:** Emotion

---

9 **Subject:** Compassion **It follows it is:** Feeling

---

10 **Subject:** Oak tree **It follows it is:** Green

---

11 **Subject:** Cactus **It follows it is:** Life

---



---

12 **Subject:** India **It follows it is:** Nation

---

13 **Subject:** Karnataka **It follows it is:** India

---

14 **Subject:** Man from Germany **It follows he is:** German

---

15 **Subject:** German **It follows it is:** Person

**NOW SWITCH ROLES**

**NOW SWITCH ROLES**

---

16 **Subject:** German **It follows it is:** Language

---

17 **Subject:** The phrase "Guten tag"  
**It follows it is:** Language

---

18 **Subject:** A hand wave **It follows it is:** Language

---

19 **Subject:** China **It follows it is:** Country

---

20 **Subject:** Tibet **It follows it is:** Country

---

21 **Subject:** Country **It follows it is:** Nepal

---

22 **Subject:** The flag of China **It follows it is:** Red

---

23 **Subject:** The flag of China **It follows it is:** A color

---

24 **Subject:** Gandhi Ji **It follows he is:** Indian

---

25 **Subject:** Emperor Ashoka **It follows it is:** Indian

---

26 **Subject:** Mindfulness **It follows it is:** Cause of happiness

---

27 **Subject:** Mind **It follows it is:** Physical process

---

---

**28 Subject: Mind**

**It follows it is: Brain**

---

**29 Subject: Perception of color**

**It follows it is: Perception of light**

---

**30 Subject: Perception of light**

**It follows it is: Perception of color**

---

## WORKSHEET 3

### Asking/Answering Theses

**Instructions:** Decide who will be challenger and who will be defender. The challenger says “Take the subject” and says the written subject. Then they say “It follows it is” and then says the predicate. You may add articles or plural markers as desired. The defender then answers with either “I accept” or “Why?”

Ask and answer as quickly as you can! Switch roles after #15.

1	<b>Subject:</b> The Eifel Tower	<b>It follows it is:</b> Shape
2	<b>Subject:</b> Tall	<b>It follows it is:</b> Shape
3	<b>Subject:</b> Plant	<b>It follows it is:</b> Life
4	<b>Subject:</b> Soundwaves	<b>It follows it is:</b> Sound
5	<b>Subject:</b> Cell	<b>It follows it is:</b> Life
6	<b>Subject:</b> Cell	<b>It follows it is:</b> Living being
7	<b>Subject:</b> Anger	<b>It follows it has:</b> Evolutionary advantage
8	<b>Subject:</b> Anger	<b>It follows it is:</b> Maladaptive
9	<b>Subject:</b> Altruism	<b>It follows it is:</b> Adaptive trait
10	<b>Subject:</b> Ocean	<b>It follows it is:</b> Made of water

---

11 **Subject:** Water

**It follows it:** Life

---

12 **Subject:** Computer

**It follows it is:** Intelligent

---

13 **Subject:** ChatGPT

**It follows it has:** Intelligence

---

14 **Subject:** Cancer cell

**It follows it has:** Intelligence

---

15 **Subject:** Cell

**It follows it has:** Mind

---

**NOW SWITCH ROLES**

16 **Subject:** Farmer

**It follows it is:** Human

---

17 **Subject:** Builder

**It follows it is:** Human

---

18 **Subject:** Ant

**It follows it is:** Builder

---

19 **Subject:** Ant

**It follows it is:** Human

---

20 **Subject:** Glass

**It follows it is:** Object of sense perception

---

21 **Subject:** Glass

**It follows it is:** Object of visual consciousness

---

22 **Subject:** Blue glass

**It follows it is:** Object of tactile consciousness

---

23 **Subject:** Sapphire

**It follows it is:** Color blue

---

24 **Subject:** Europe

**It follows it is:** Island

---

25 **Subject:** America

**It follows it is:** Country

---

26 **Subject:** Brazil

**It follows it is:** America

---

---

**27 Subject:** Human being

**It follows it is:** Citizen

---

**28 Subject:** Indian

**It follows it is:** Citizen

---

**29 Subject:** India

**It follows it is:** Democracy

---

**30 Subject:** Buddha

**It follows he is:** Indian

---

## WORKSHEET 4

### Asking/Answering Theses

**Instructions:** Decide who will be Challenger and who will be Defender. The Challenger says “Take the subject” and says the written subject. Then they say “It follows that it is” and then says the predicate. You may add articles like “the, a, an” as desired, or add “s” for a plural.

The Defender then answers with either “I accept” or “Why?” After #15, switch roles. Ask and answer as quickly as you can!

- 
- |   |                               |                                 |
|---|-------------------------------|---------------------------------|
| 1 | <b>Subject:</b> Consciousness | <b>It follows it is:</b> Matter |
|---|-------------------------------|---------------------------------|
- 
- |   |                      |                                     |
|---|----------------------|-------------------------------------|
| 2 | <b>Subject:</b> Mind | <b>It follows it is:</b> Non-matter |
|---|----------------------|-------------------------------------|
- 
- |   |                              |                                      |
|---|------------------------------|--------------------------------------|
| 3 | <b>Subject:</b> Mental state | <b>It follows it is:</b> Brain state |
|---|------------------------------|--------------------------------------|
- 
- |   |                                  |                                   |
|---|----------------------------------|-----------------------------------|
| 4 | <b>Subject:</b> Immaterial thing | <b>It follows it is:</b> Existent |
|---|----------------------------------|-----------------------------------|
- 
- |   |                          |                                  |
|---|--------------------------|----------------------------------|
| 5 | <b>Subject:</b> Universe | <b>It follows it is:</b> Created |
|---|--------------------------|----------------------------------|
- 
- |   |                       |                                     |
|---|-----------------------|-------------------------------------|
| 6 | <b>Subject:</b> World | <b>It follows it has:</b> Beginning |
|---|-----------------------|-------------------------------------|
- 
- |   |                      |                               |
|---|----------------------|-------------------------------|
| 7 | <b>Subject:</b> Ball | <b>It follows it is:</b> Real |
|---|----------------------|-------------------------------|
- 
- |   |                      |   |
|---|----------------------|---|
| 8 | <b>Subject:</b> Ball | <b>It follows it is:</b> Mentally constructed |
|---|----------------------|---|
- 
- |   |                      |   |
|---|----------------------|---|
| 9 | <b>Subject:</b> Self | <b>It follows it is:</b> Social construct |
|---|----------------------|---|
- 
- |    |                     |   |
|----|---------------------|---|
| 10 | <b>Subject:</b> Car | <b>It follows it is:</b> Social construct |
|----|---------------------|---|
- 
- |    |                       |  |
|----|-----------------------|--|
| 11 | <b>Subject:</b> Brain | <b>It follows it is:</b> One with mind |
|----|-----------------------|--|
-

---

12 **Subject:** Mind **It follows it is:** Distinct from brain

---

13 **Subject:** Earth **It follows it is:** Composed of water

---

14 **Subject:** Ocean **It follows it is:** Composed of hydrogen

---

15 **Subject:** Tree **It follows it is:** Carbon

**NOW SWITCH ROLES**

**NOW SWITCH ROLES**

---

16 **Subject:** Human **It follows they are:** Carbon

---

17 **Subject:** Human **It follows they are:** Animal

---

18 **Subject:** Gandhi Ji **It follows he is:** Human being

---

19 **Subject:** Gandhi Ji **It follows he is:** Living being

---

20 **Subject:** Gandhi Ji **It follows he:** Exists

---

21 **Subject:** History **It follows it:** Exists

---

22 **Subject:** Experience **It follows it is:** Subjective

---

23 **Subject:** Mindfulness **It follows it is:** Task-related thought

---

24 **Subject:** Mind-wandering **It follows it is:** Off-task thinking

---

25 **Subject:** Attention **It follows it is:** Cause of happiness

---

26 **Subject:** Mindfulness **It follows it is:** Attention

---

27 **Subject:** Memory **It follows it is:** True

---

---

**28 Subject: Desire**                      **It follows it is: Cause of happiness**

---

**29 Subject: Acquiring things**                      **It follows it is: Cause of happiness**

---

**30 Subject: Losing things**                      **It follows it is: Suffering**

---



## WORKSHEET 5 - DRILL

### Choosing your Responses

**Instructions:** Decide who will be Challenger and who will be Defender. The Challenger will start by reading the first two columns (labeled C) and then the Defender (D) will respond. Both Challenger and Defender continue responding as indicated, choosing from the options given.

1.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is a tall form
The Eiffel Tower	shape	Why?	because it is a tall form	reason not true
				no pervasion
				I accept

2.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is clear and aware
A visual perception of the Eiffel tower	consciousness	Why?	because it is clear and aware	reason not true
				no pervasion
				I accept

3.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is a member of the EU
Germany	nation	Why?	because it is a member of the EU	reason not true
				no pervasion
				I accept

4.

C	C:	D	C	D
Take the subject...	It follows that they are...	I accept	because...?	because they are an object heard in the domain of auditory consciousness. [definition]
Soundwaves	sound	Why?	because they are an object heard in the domain of auditory consciousness. [definition]	reason not true
				no pervasion
				I accept

5.

C	C:	D	C	D
Take the subject...	It follows that she is...	I accept	Because...?	because she was born to German parents
Angela Merkel	German	Why?	because she was born to German parents.	reason not true
				no pervasion
				I accept

6.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is a <b>mental state with strong affect.</b>
<b>Compassion</b>	<b>emotion</b>	Why?	because it is a <b>mental state with strong affect.</b>	reason not true
				no pervasion
				I accept

7.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is a <b>tree.</b> [category/division]
<b>Oak tree</b>	<b>plant</b>	Why?	because it is a <b>tree.</b> [category/division]	reason not true
				no pervasion
				I accept

8.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is a <b>an evolved trait.</b>
<b>Anger</b>	<b>Adaptive trait</b>	Why?	because it is a <b>an evolved trait.</b>	reason not true
				no pervasion
				I accept

9.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it has <b>elected leadership.</b>
<b>India</b>	<b>a democracy</b>	Why?	because it has <b>elected leadership.</b>	reason not true
				no pervasion
				I accept

For now, if you are confused by the difference between “reason not true” and “no pervasion”... don’t panic. We will cover this again.

Some of these are very tricky. For now, take note of any confusion you have, and we can discuss it when we reassemble.

10.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>a mind perceiving a sound</b>
<b>A mind perceiving a cat’s purr</b>	<b>An auditory consciousness</b>	Why?	because it is <b>a mind perceiving a sound</b>	reason not true
				no pervasion
				I accept

11.

C	C:	D	C	D
Take the subject...  Gandhi Ji	It follows that he is...  Indian	I accept	because...?	Because he <b>was born in India.</b>
		Why?	because he <b>was born in India.</b>	reason not true
				no pervasion
				I accept

12.

C	C:	D	C	D
Take the subject...  Emperor Ashoka	It follows that he is...  <b>Not</b> Indian.	I accept	because...?	because he is <b>not an Indian citizen.</b>
		Why?	because he is <b>not an Indian citizen.</b>	reason not true
				no pervasion
				I accept

13.

C	C:	D	C	D
Take the subject...  compassion	It follows that it is...  A cognition	I accept	because...?	because it <b>cognizes the suffering of others</b>
		Why?	because it <b>cognizes the suffering of others</b>	reason not true
				no pervasion
				I accept

14.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>an emotion.</b>
<b>Compassion</b>	<b>Not a cognition</b>	Why?	because it is <b>an emotion.</b>	reason not true
				no pervasion
				I accept

15.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>an inner experience.</b>
<b>annoyance</b>	<b>consciousness</b>	Why?	because it is <b>an inner experience.</b>	reason not true
				no pervasion
				I accept

16.

C	C	D	C	D
Take the subject...	It follows that it...	I accept	because...?	because it is <b>not a hearing organ.</b>
<b>consciousness</b>	<b>Does not hear sound.</b>	Why?	because it is <b>not a hearing organ.</b>	reason not true
				no pervasion
				I accept

17.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>an explosion.</b>
<b>the big bang</b>	<b>sound</b>	Why?	because it is <b>an explosion.</b>	reason not true
				no pervasion
				I accept

You're doing great!

18.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it <b>causes motion in physical bodies.</b>
<b>Gravity</b>	<b>a force.</b>	Why?	because it <b>causes motion in physical bodies.</b>	reason not true
				no pervasion
				I accept

19.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it has <b>chlorophyl.</b>
<b>grass</b>	<b>Green.</b>	Why?	Because it has <b>chlorophyl.</b>	reason not true
				no pervasion
				I accept

20.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>the color green.</b>
<b>Grass</b>	<b>A color.</b>	Why?	because it is <b>the color green.</b>	reason not true
				no pervasion
				I accept

21.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is a <b>social construct</b> .
Self	false.	Why?	because it is a <b>social construct</b> .	reason not true
				no pervasion
				I accept

22.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>established with reference to social convention</b> .
Electron	a <b>social construct</b> .	Why?	because it is <b>established with reference to social convention</b> .	reason not true
				no pervasion
				I accept

23.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because... because it <b>does not have a shape</b> .
An electron	<b>not a material object</b> .	Why?	because it <b>does not have a shape</b> .	reason not true
				no pervasion
				I accept



24.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>a wave</b> .
<b>A photon</b>	<b>Does not have a shape.</b>	Why?	because it is <b>a wave</b> .	reason not true
				no pervasion
				I accept

25.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>an absence of light</b> .
<b>The color of a black hat</b>	<b>not a color</b>	Why?	because it is <b>an absence of light</b> .	reason not true
				no pervasion
				I accept

## WORKSHEET 6 - DRILL

### Choosing your Responses

**Instructions:** Decide who will be Challenger and who will be Defender. The Challenger will start by reading the first two columns (labeled C) and then the Defender (D) will respond. Both Challenger and Defender continue responding as indicated, choosing from the options given.

1.

C	C	D	C	D
Take the subject...	It follows that he is...	I accept	because...?	because he has <b>great compassion.</b>
H.H. the Dalai Lama	A Buddha	Why?	because he has <b>great compassion.</b>	reason not true
				no pervasion
				I accept

2.

C	C:	D	C	D
Take the subject...	It follows that he is...	I accept	because...?	because it <b>was born to a Tibetan mother.</b>
H.H. the Dalai Lama	Tibetan	Why?	because he <b>was born to a Tibetan mother.</b>	reason not true
				no pervasion
				I accept

3.

C	C:	D	C	D
Take the subject...	It follows that he is...	I accept	because...?	because he <b>was born to a Scottish mother.</b>
<b>Donald J. Trump</b>	<b>Scottish</b>	Why?	because he <b>was born to a Scottish mother.</b>	reason not true
				no pervasion
				I accept

4.

C	C:	D	C	D
Take the subject...	It follows that he is...	I accept	because...?	because he <b>lived in India.</b>
<b>Buddha</b>	<b>Indian.</b>	Why?	because he <b>lived in India.</b>	reason not true
				no pervasion
				I accept

5.

C	C:	D	C	D
Take the subject...	It follows that he is...	I accept	Because...?	because he was <b>not born to American parents.</b>
<b>Elon Musk</b>	<b>Not American</b>	Why?	because he was <b>not born to American parents.</b>	reason not true
				no pervasion
				I accept

6.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it <b>exists in the present moment.</b>
<b>Mindfulness</b>	<b>present</b>	Why?	because it <b>exists in the present moment.</b>	reason not true
				no pervasion
				I accept

7.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it <b>exists in the present moment.</b>
<b>Anger</b>	<b>mindfulness</b>	Why?	because it <b>exists in the present moment.</b>	reason not true
				no pervasion
				I accept

8.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it <b>displays intelligence.</b>
<b>ChatGPT</b>	<b>Intelligent</b>	Why?	because it <b>displays intelligence.</b>	reason not true
				no pervasion
				I accept

9.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it <b>uses language.</b>
<b>ChatGPT</b>	<b>Intelligent.</b>	Why?	because it <b>uses language.</b>	reason not true
				no pervasion
				I accept

10.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it <b>knows how to produce energy.</b>
<b>Oak tree</b>	<b>Intelligent</b>	Why?	because it <b>knows how to produce energy.</b>	reason not true
				no pervasion
				I accept

11.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	Because it <b>has an atmosphere and supports life.</b>
<b>Earth</b>	<b>A planet</b>	Why?	because it <b>has an atmosphere and supports life.</b>	reason not true
				no pervasion
				I accept

12.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>a cat.</b>
<b>Tiger</b>	<b>A mammal</b>	Why?	because it is <b>a cat.</b>	reason not true
				no pervasion
				I accept

13.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because its causes are attainable.
Happiness	Attainable	Why?	because its causes are attainable.	reason not true
				no pervasion
				I accept

14.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it depends on wealth.
Happiness	a result of wealth	Why?	because it depends on wealth.	reason not true
				no pervasion
				I accept

15.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it depends on positive actions.
Happiness	a result of positive actions	Why?	because it depends on positive actions.	reason not true
				no pervasion
				I accept

16.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>an undesirable experience.</b>
<b>Loss of possessions</b>	<b>suffering</b>	Why?	because it is <b>an undesirable experience.</b>	reason not true
				no pervasion
				I accept

17.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>what precedes a tomato plant.</b>
<b>Tomato seed</b>	<b>the cause of a tomato plant</b>	Why?	because it is <b>what precedes a tomato plant.</b>	reason not true
				no pervasion
				I accept

You're doing great!

18.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>the result of a tomato plant.</b>
<b>Tomato seed</b>	<b>Not the cause of a tomato plant.</b>	Why?	because it is <b>the result of a tomato plant.</b>	reason not true
				no pervasion
				I accept

19.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it <b>displays wave-like properties.</b>
Light	wave.	Why?	Because it <b>displays wave-like properties.</b>	reason not true
				no pervasion
				I accept

20.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it <b>displays wave-like properties.</b>
A fundamental particle	A wave.	Why?	because it <b>displays wave-like properties.</b>	reason not true
				no pervasion
				I accept

21.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is <b>merely labelled onto a collection of body and mind.</b>
I	a mental construct.	Why?	because it is <b>merely labelled onto a collection of body and mind.</b>	reason not true
				no pervasion
				I accept



22.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is a mere label.
Self	a word.	Why?	because it is a mere label.	reason not true
				no pervasion
				I accept

23.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because... because it is a word.
Self	language.	Why?	because it is a word.	reason not true
				no pervasion
				I accept

24.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is language.
Self	Sound	Why?	because it is language.	reason not true
				no pervasion
				I accept

25.

C	C	D	C	D
Take the subject...	It follows that he has...	I accept	because...?	because he has <b>wisdom.</b>
<b>Manjushri</b>	<b>Intelligence</b>	Why?	because he has <b>wisdom.</b>	reason not true
				no pervasion
				I accept

## WORKSHEET 7

### Reason True or Reason Not True

**Instructions:** The following syllogisms have reasons that are either true or not true. The Challenger will read out the subject, predicate and reason and the Defender will respond with **“Reason true”** or **“Reason not true.”**

Add articles (a, an, the) as you desire. Then change roles.  
You can start slowly but try to get faster as you practice.

\*Please remember that the phrase “Reason true” is not said ordinarily during debate – we are using it for this exercise to simplify the syllogism and learn how to just consider the reason in relation to the subject.

Take the subject:	It follow it is:	because it is:	Answer?
A flower	matter	plant	REASON TRUE

To determine how to answer as the Defender

**Ask yourself:** is a flower a plant?

(if **no** then “reason not true”)

(if **yes** then “reason true”)

\* Remember the reason might be true *even though the syllogism is flawed*. Just focus on the relation between the reason and the subject.

Now respond to the following with reason true/reason not true.

<b>1 Subject:</b> flower	<b>It follows it is:</b> plant	<b>because it is:</b> matter
<b>2 Subject:</b> Oak tree	<b>It follows it is:</b> Life	<b>because it is:</b> carbon-based life
<b>3 Subject:</b> Cactus	<b>It follows it is:</b> life	<b>because it:</b> reproduces
<b>4 Subject:</b> Germany	<b>It follows it is:</b> Europe	<b>because it is:</b> nation
<b>5 Subject:</b> the color red	<b>It follows it is:</b> color	<b>because it is:</b> color of a rose
<b>6 Subject:</b> the color of rainbow	<b>It follows it is:</b> white	<b>because it is:</b> all colors in the visible spectrum
<b>7 Subject:</b> Barack Obama	<b>It follows he is:</b> American	<b>because he is:</b> American President
<b>8 Subject:</b> soundwaves	<b>It follows they are:</b> sound	<b>because they are:</b> heard
<b>9 Subject:</b> soundwaves	<b>It follows they are:</b> Visual form	<b>because they are:</b> seen
<b>10 Subject:</b> Emotion	<b>It follows it is:</b> Consciousness	<b>because it is:</b> clear and aware
<b>11. Subject:</b> Mind	<b>It follows it is:</b> matter	<b>because it is:</b> brain
<b>12 Subject:</b> Electron	<b>It follows it has:</b> color	<b>because it has:</b> shape
<b>13. Subject:</b> Particle	<b>It follows it is:</b> wave	<b>because it is:</b> spread over space

**14. Subject:** iPhone      **It follows it is:** Cause of happiness      **because it:** provides pleasure and utility

**15 Subject:** Chocolate      **It follows it is:** Cause of happiness      **because it is:** sweet

**NOW SWITCH  
ROLES**

**NOW SWITCH  
ROLES**

**16 Subject:** happiness      **It follows it is:** meaningful      **because it is:** aim of human endeavor

**17 Subject:** Desire for procreation      **It follows it is:** Source of human action      **because it is:** driver of evolution

**18 Subject:** Earth      **It follows it has:** gravity      **because it has:** moon

**19 Subject:** Buddha      **It follows he is:** *not* Indian      **because he is:** *not* born in India

**20 Subject:** Photon      **It follows it is:** *not* a particle      **because it is:** *not* located in a definite position

**21 Subject:** Donald J. Trump      **It follows he:** Speaks German      **because he is:** German

**22 Subject:** Donald J. Trump      **It follows he is:** *Not* German      **because he is:** American

**23 Subject:** Grass      **It follows it has:** Chlorophyll      **because it is:** green

**24 Subject:** Green      **It follows it is:** Color of chlorophyll      **because it is:** color of leaves

<b>25 Subject:</b> <b>Anger</b>	<b>It follows it is:</b> <b>Emotion</b>	<b>because it is:</b> <b>Mind</b>
<b>26 Subject:</b> <b>Anger</b>	<b>It follows it is:</b> <b>mind</b>	<b>because it is:</b> <b>mental state</b>
<b>27 Subject:</b> <b>Mind</b>	<b>It follows it is:</b> <b>Perceived by the senses</b>	<b>because it is:</b> <b>physical object</b>
<b>28 Subject:</b> <b>Tiger</b>	<b>It follows it is:</b> <b>cat</b>	<b>because it is:</b> <b>feline</b>
<b>29 Subject:</b> <b>Cactus</b>	<b>It follows it has:</b> <b>chlorophyll</b>	<b>because it:</b> <b>performs photosynthesis</b>
<b>30 Subject:</b> <b>Oak tree</b>	<b>It follows has:</b> <b>leaves</b>	<b>because it has:</b> <b>roots</b>

## WORKSHEET 8 - DRILL

### Pervasion or No Pervasion

**Instructions:** The following syllogisms have either pervasion or no pervasion. The Challenger will read out the subject, predicate and reason and the Defender will respond with “**Pervasion**” or “**No pervasion.**” Add articles (a, an, the) as you desire. Then change roles. You can start slowly but try to get faster as you practice.

Please recall that we do not use the phrase “**Pervasion**” as an answer when actually debating – it is used in this exercise for the sake of training.

e.g.

Take the subject:	It follow it is:	because it is:	Answer?
An oak tree	Flower	Plant	NO PERVASION

As the Defender, ask yourself the following question to determine which answer to give -

**Ask yourself:** is everything which is a plant also a flower?

(if **no** then “no pervasion”)

(if **yes** then “pervasion”)

\* Remember that there might be pervasion even though the syllogism is flawed. Just focus on the relation between the reason and the predicate.

Now respond to the following with pervasion/no pervasion.

1	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	rose bush	tree	plant
2	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	cactus	plant	tree
3	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Germany	island	EU member nation
4	<b>Subject:</b>	<b>It follows she is:</b>	<b>because she is:</b>
	Angela Merkel	German	German citizen
5	<b>Subject:</b>	<b>It follows he is:</b>	<b>because he:</b>
	Albert Einstein	German	speaks German
6	<b>Subject:</b>	<b>It follows he is:</b>	<b>because he is:</b>
	Albert Einstein	<b>Not</b> German	American
7	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Compassion	emotion	unpleasant feeling
8	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	visual perception of a rainbow	consciousness	experience
9	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Compassion	brain state	consciousness
10	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Compassion	Pleasant feeling	cause of happiness



11	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	wealth	Cause of happiness	reduces suffering
12	<b>Subject:</b>	<b>It follows he is:</b>	<b>because he:</b>
	H.H. the Dalai Lama	Buddha	knows emptiness
13	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Cactus	Life	composed of cells
14	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Greed	Adaptive trait	evolved trait
15	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Generosity	Maladaptive trait	cause of loss of possessions
16	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Joy	possible	mental state
17	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	matter	substance	composed of particles
18	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Gravity	energy	force
19	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Love	Mistaken cognition	projects attractiveness onto someone
20	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Color of a rainbow	tangible	matter
21	<b>Subject:</b>	<b>It follows it has:</b>	<b>because it has:</b>

	Electron	Definite position	definite shape
22	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Mind	Clear and aware	produced in the form of whatever object it encounters
23	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Consciousness	mystery	difficult to know
24	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Camel	mammal	animal
25	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Tiger	Cat	lion
26	<b>Subject:</b>	<b>It follows he is:</b>	<b>because he is:</b>
	Gandhi Ji	Indian	Indian saint
27	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	happiness	impossible	impermanant
28	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it:</b>
	Cancer cell	life	reproduces
29	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	Desire for procreation	Motivator of all human action	driver of evolution
30	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	light	wave	particle

## WORKSHEET 9

### Giving Your Own Reasons & Predicates

**Instructions:** Decide who will be Challenger and who will be Defender. The Challenger will start with the first two columns (labeled C), and the Defender (D) will respond. Then continue as in prior worksheets. But this time the Challenger or Defender must provide their **own reasons**.

Now let's try with you **providing your own reasons**.

First experiment with using a definition of the predicate as a reason.

1.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is... [state your own reason here]
Oak tree	life	Why?	because it is... [state your own reason here]	reason not true
				no pervasion
				I accept

2.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is [state your own reason here]
A visual perception of the Eiffel tower	consciousness	Why?	because it is [state your own reason here]	reason not true
				no pervasion
				I accept

3.

C	C:	D	C	D
Take the subject...  Germany	It follows that it is...  nation	I accept	because...?	because it is [state your own reason here]
		Why?	because it is [state your own reason here]	reason not true
				no pervasion
				I accept

4.

C	C:	D	C	D
Take the subject...  Soundwaves	It follows that they are...  sound	I accept	because...?	because they are [state your own reason here]
		Why?	because they are [state your own reason here]	reason not true
				no pervasion
				I accept

5.

C	C:	D	C	D
Take the subject...  Angela Merkel	It follows that she is...  German	I accept	Because...?	because she is [state your own reason here]
		Why?	because she is [state your own reason here]	reason not true
				no pervasion
				I accept

6.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is [state your own reason here]
Compassion	emotion	Why?	because it is [state your own reason here]	reason not true
				no pervasion
				I accept

7.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is [state your own reason here]
Intelligence	mind	Why?	because it is [state your own reason here]	reason not true
				no pervasion
				I accept

8.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is [state your own reason here]
Anger	maladaptive trait	Why?	because it is [state your own reason here]	reason not true
				no pervasion
				I accept

9.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it [state your own reason here]
India	a democracy	Why?	because it [state your own reason here]	reason not true
				no pervasion
				I accept

Great! Lets make this a bit harder now. Providing your own **predicates** as well as **reasons**.

10.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is [state your own reason here]
A mind perceiving a cat's purr	[supply your own predicate]	Why?	because it is [state your own reason here]	reason not true
				no pervasion
				I accept

11.

C	C:	D	C	D
Take the subject...	It follows that he is...	I accept	because...?	Because he [state your own reason here]
Gandhi Ji	[supply your own predicate]	Why?	because he [state your own reason here]	reason not true
				no pervasion
				I accept

12.

C	C:	D	C	D
Take the subject...	It follows that he is...	I accept	because...?	because he is [state your own reason here]
Emperor Ashoka	[supply your own predicate]	Why?	because he is [state your own reason here]	reason not true
				no pervasion
				I accept

13.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it [state your own reason here]
compassion	[supply your own predicate]	Why?	because it [state your own reason here]	reason not true
				no pervasion
				I accept

14.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is [state your own reason here]
ChatGPT	[supply your own predicate]	Why?	because it is [state your own reason here]	reason not true
				no pervasion
				I accept

15.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is [state your own reason in here]
<b>Buddha</b>	[supply your own predicate]	Why?	because it is [state your own reason in here]	reason not true
				no pervasion
				I accept

16.

C	C	D	C	D
Take the subject...	It follows that it...	I accept	because...?	because it is [state your own reason here]
<b>consciousness</b>	[supply your own predicate]	Why?	because it is [state your own reason here]	reason not true
				no pervasion
				I accept

17.

C	C:	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it [state your own reason here]
<b>the big bang</b>	[supply your own predicate]	Why?	because it [state your own reason here]	reason not true
				no pervasion
				I accept

You're doing great!



18.

C	C:	D	C	D
Take the subject... <b>Gravity</b>	It follows that it is... [supply your own predicate]	I accept	because...?	because it [state your own reason here]
		Why?	because it [state your own reason here]	reason not true
				no pervasion
I accept				

19.

C	C:	D	C	D
Take the subject... <b>The smell of incense</b>	It follows that it is... [supply your own predicate]	I accept	because...?	because it [state your own reason here]
		Why?	Because it [state your own reason here]	reason not true
				no pervasion
I accept				

20.

C	C	D	C	D
Take the subject... <b>Grass</b>	It follows that it is... [supply your own predicate]	I accept	because...?	because it is [state your own reason here]
		Why?	because it is [state your own reason here]	reason not true
				no pervasion
I accept				

21.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is [state your own reason here]
Self	[supply your own predicate]	Why?	because it is [state your own reason here]	reason not true
				no pervasion
				I accept

22.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because it is [state your own reason here]
Tiger	[supply your own predicate]	Why?	because it is [state your own reason here]	reason not true
				no pervasion
				I accept

23.

C	C	D	C	D
Take the subject...	It follows that it is...	I accept	because...?	because... because it [state your own reason here]
An electron	[supply your own predicate]	Why?	because it [state your own reason here]	reason not true
				no pervasion
				I accept

24.

C	C	D	C	D
Take the subject...  A photon	It follows that it... [supply your own predicate]	I accept	because...?	because it [state your own reason here]
		Why?	because it [state your own reason here]	reason not true
				no pervasion
				I accept

25.

C	C	D	C	D
Take the subject...  A rainbow	It follows that it is... [supply your own predicate]	I accept	because...?	because it is [state your own reason here]
		Why?	because it is [state your own reason here]	reason not true
				no pervasion
				I accept

## WORKSHEET 10

### Thesis vs. Pervasion

**Instructions:** Decide who will be the Challenger and who will be Defender. The Challenger reads the thesis saying “**Take the subject: X – It follows that it is Y**” (replacing **X** and **Y** with the written subject and predicate). Add articles like “the, a, an” as desired. The Defender then answers with either “I accept” or “Why?”

The Challenger then reads the next line, which is statement of pervasion, exactly as written. The Defender again answers with either “I accept” or “Why?” Switch roles after 15 questions.

*\*Pay close attention and take note if it seems like the thesis statements and pervasions should get different responses or the same responses. If you don't think there is a pervasion, try to come up with a counter-example.*

**1 Subject: colour red**

It follows **it** is: **Colour of a red Tesla**

	It follows that if <b>it</b> is <b>colour red</b>	Then <b>it's</b> necessarily <b>Colour of a red Tesla</b>
<b>2</b>	Subject: <b>German</b>	It follows <b>it</b> is: <b>language</b>
	It follows that if <b>it</b> is <b>German</b>	Then <b>it's</b> necessarily <b>language</b>
<b>3</b>	Subject: <b>The taste of chocolate</b>	It follows <b>it</b> is: <b>sweet taste</b>
	It follows that if <b>it</b> is <b>the taste of chocolate</b>	Then <b>it's</b> necessarily <b>sweet taste</b>
<b>4</b>	Subject: <b>oak tree</b>	It follows <b>it</b> is: <b>tall</b>
	It follows that if <b>it</b> is <b>oak tree</b>	Then <b>it's</b> necessarily <b>tall</b>
<b>5</b>	Subject: <b>Electron</b>	It follows <b>it</b> is: <b>Particle</b>

	It follows that if <i>it</i> is <b>Electron</b>	Then <i>it's</i> necessarily <b>Particle</b>
6	Subject: <b>Gravity</b>	It follows <i>it</i> is: <b>Force that keeps Earth in orbit around the Sun</b>
	It follows that if <i>it</i> is <b>Gravity</b>	Then <i>it's</i> necessarily <b>Force that keeps Earth in orbit around the Sun</b>
7	Subject: <b>Cactus</b>	It follows <i>it</i> is: <b>Life</b>
	It follows that if <i>it</i> is <b>Cactus</b>	Then <i>it's</i> necessarily <b>Life</b>
8	Subject: <b>Color</b>	It follows <i>it</i> is: <b>A singular object</b>
	It follows that if <i>it</i> is <b>Color</b>	Then <i>it's</i> necessarily <b>A singular object</b>
	<b>Now Switch Roles</b>	<b>Now Switch Roles</b>
9	Subject: <b>Referent of the word "white"</b>	It follows <i>it</i> is: <b>the color white</b>
	It follows that if <i>it</i> is <b>Referent of the word "white"</b>	Then <i>it's</i> necessarily <b>the color white</b>
10	Subject: <b>Self</b>	It follows <i>it</i> is: <b>Mental construct</b>
	It follows that if <i>it</i> is <b>Self</b>	Then <i>it's</i> necessarily <b>Mental construct</b>
11	Subject: <b>Computer</b>	It follows <i>it</i> has: <b>Intelligence</b>
	It follows that if <i>it</i> is <b>Computer</b>	Then <i>it</i> necessarily has <b>Intelligence</b>
12	Subject: <b>Wealth</b>	It follows <i>it</i> is: <b>Cause of happiness</b>
	It follows that if <i>it</i> is <b>Wealth</b>	Then <i>it's</i> necessarily <b>Cause of happiness</b>

<b>13</b>	Subject: <b>Ethical behavior</b>	It follows <i>it</i> is: <b>Cause of a happy existence</b>
	It follows that if <i>it</i> is <b>Ethical behavior</b>	Then <i>it's</i> necessarily <b>Cause of a happy existence</b>
<b>14</b>	Subject: <b>Anger</b>	It follows <i>it</i> is: <b>Adaptive trait</b>
	It follows that if <i>it</i> is <b>Anger</b>	Then <i>it's</i> necessarily <b>Adaptive trait</b>
<b>15</b>	Subject: <b>Compassion</b>	It follows <i>it</i> is: <b>Emotion with pleasant affect</b>
	It follows that if <i>it</i> is <b>Compassion</b>	Then <i>it's</i> necessarily <b>Emotion with pleasant affect</b>

## WORKSHEET 11 - DRILL

### Thesis vs. Pervasion

**Instructions:** Decide who will be the Challenger and who will be Defender. The Challenger reads the thesis saying “Take the subject,” then reads the written subject and predicate. Add articles like “the, a, an” as desired. The Defender then answers with either “I accept” or “Why?” The Challenger then reads the statement of pervasion, exactly as written. The Defender again answers with either “I accept” or “Why?” Switch roles after 15 questions.

Pay close attention and take note if it seems like the thesis statements and pervasion statements should get different responses or the same responses.

**1 Subject: Fire**

It follows *it* is: **Cause of smoke**

	It follows that if <i>it</i> is <b>fire</b>	Then <i>it's</i> necessarily <b>Cause of smoke</b>
<b>2</b>	Subject: <b>Cause of an oak tree</b>	It follows <i>it</i> is: <b>Oak seed</b>
	It follows that if <i>it</i> is <b>Cause of an oak tree</b>	Then <i>it's</i> necessarily <b>Oak seed</b>
<b>3</b>	Subject: <b>Lion</b>	It follows <i>it</i> is: <b>Cat</b>
	It follows that if <i>it</i> is <b>Lion</b>	Then <i>it's</i> necessarily <b>Cat</b>
<b>4</b>	Subject: <b>Shape</b>	It follows <i>it</i> is: <b>Quality of an oak tree</b>
	It follows that if <i>it</i> is <b>Shape</b>	Then <i>it's</i> necessarily <b>Quality of an oak tree</b>
<b>5</b>	Subject: <b>Mammal</b>	It follows <i>it</i> is: <b>Not a cat</b>
	It follows that if <i>it</i> is <b>Mammal</b>	Then <i>it's</i> necessarily <b>Not a cat</b>
<b>6</b>	Subject: <b>Blue</b>	It follows <i>it</i> is: <b>Color of the sky</b>

	It follows that if <i>it</i> is <b>Blue</b>	Then <i>it's</i> necessarily <b>Color of sky</b>
<b>7</b>	Subject: <b>Perception of the Eiffel Tower</b>	It follows it is: <b>Visual consciousness</b>
	It follows that if <i>it</i> is <b>Perception of the Eiffel Tower</b>	Then <i>it's</i> necessarily <b>Visual consciousness</b>
	<b>Now Switch Roles</b>	<b>Now Switch Roles</b>
<b>8</b>	Subject: <b>Existent</b>	It follows <i>it</i> is: <b>Permanent object</b>
	It follows that if <i>it</i> is <b>Existent</b>	Then <i>it's</i> necessarily <b>Permanent object</b>
<b>9</b>	Subject: <b>Mind</b>	It follows <i>it</i> is: <b>Conscious</b>
	It follows that if <i>it</i> is <b>Mind</b>	Then <i>it's</i> necessarily <b>Conscious</b>
<b>10</b>	Subject: <b>Gravity</b>	It follows <i>it</i> is: <b>Fundamental force</b>
	It follows that if <i>it</i> is <b>Gravity</b>	Then <i>it's</i> necessarily <b>Fundamental force</b>
<b>11</b>	Subject: <b>Compassion</b>	It follows <i>it</i> is: <b>Cause of happiness</b>
	It follows that if <i>it</i> is <b>Compassion</b>	Then <i>it's</i> necessarily <b>Cause of happiness</b>
<b>12</b>	Subject: <b>Square</b>	It follows <i>it</i> is: <b>Mathematical object</b>
	It follows that if <i>it</i> is <b>Square</b>	Then <i>it's</i> necessarily <b>Mathematical object</b>
<b>13</b>	Subject: <b>Bodhisattva</b>	It follows <i>it</i> is: <b>Human</b>
	It follows that if <i>it</i> is <b>bodhisattva</b>	Then <i>it's</i> necessarily <b>Human</b>



<b>14</b> Subject: <b>Buddha</b>	It follows <i>it</i> is: <b>Person</b>
It follows that if <i>it</i> is <b>Buddha</b>	Then <i>it's</i> necessarily <b>Person</b>
<b>15</b> Subject: <b>Thing</b>	It follows <i>it</i> is: <b>Made of plastic</b>
It follows that if <i>it</i> is <b>Thing</b>	Then <i>it's</i> necessarily <b>Made of plastic</b>

## WORKSHEET 12 - DRILL

### 2 Theses for 1 Pervasion

**Instructions:** First decide who will be Challenger and who will be Defender. Challenger will read out the statement of pervasion and Defender will say “I accept.” Then the Challenger states the two thesis statements that are implied by the pervasion. Challenger must think of their own subject to use. The Defender then accepts or denies the two new thesis statements. After exercise #15, switch roles.

*\*Try to come up with a subject that is a counter-example to challenge the pervasion.*

#### EXAMPLE

C: It follows that if *it* is **matter**, then *it* is necessarily **impermanent**.

D: I accept.

C: Take the subject: **the sound of thunder**. It follows that it's **matter**.

D: I accept.

C: Take the subject: **the sound of thunder**. It follows that it's **impermanent**.

D: I accept.

---

1 It follows that if *it* is German, then *it's* necessarily a language.

---

2 It follows that if *it* is European, then *it's* necessarily French.

---

3 It follows that if *it* is an oak tree, then *it's* necessarily tall.

---

4 It follows that if *it* is life, then *it's* necessarily an animal.

---

5 It follows that if *it* is round, then *it's* necessarily a shape.

---

6 It follows that if *it* is white, then *it's* necessarily a color.

---

7 It follows that if *it* is a force, then *it's* necessarily gravity.

---

8 It follows that if *it* has shape, then *it* necessarily has color.

---

9 It follows that if *it* is not human, then *it's* necessarily not German.

---

23 It follows that if *they* speak French, then *they* are necessarily French.

---

---

11 It follows that if *it* is intelligent, then *it's* necessarily human.

---

12 It follows that if *it* is intelligence, then *it's* necessarily mind.

---

13 It follows that if *it* is a cause of happiness, then *it's* necessarily a material thing.

---

14 It follows that if *it* is life, then *it* necessarily reproduces.

---

15 It follows that if *it* has cells, then *it* necessarily has life.

---

Now Switch Roles

---

16 It follows that if *it* is a planet, then *it's* necessarily Earth.

---

17 It follows that if *it* is unchanging, then *it's* necessarily permanent.

---

18 It follows that if *it* is soundwaves, then *it's* necessarily sound.

---

19 It follows that if *it* is a cat, then *it's* necessarily a tiger.

---

---

20 It follows that if *it* is a lion, then *it's* necessarily a mammal.

---

21 It follows that if *it* is a self, then *it's* necessarily a social construct.

---

22 It follows that if *it* is an object, then *it's* necessarily a mental construct.

---

23 It follows that if *it* is compassion, then *it's* necessarily an emotion with positive affect.

---

24 It follows that if *it* is anger, then *it's* necessarily a mind.

---

25 It follows that if *it* is Buddha, then *it's* necessarily a person.

---

26 It follows that if *it* is ethical behavior, then *it's* necessarily a cause of a good birth.

---

27 It follows that if *it* is computer, then *it's* necessarily intelligent.

---

28 It follows that if *it* is sky, then *it's* necessarily blue.

---

---

29 It follows that if *it* is **mathematical object**, then *it's* necessarily **permanent**.

---

30 It follows that if *it* is **fire**, then *it's* necessarily **hot**.

---

## WORKSHEET 13 - DRILL

### Restate the Pervasion

**Instructions:** Decide who will be Challenger and who will be Defender.

Challenger reads the 3-Part Syllogism, beginning with “Take the subject,” and then reads the written subject, predicate, and reason. The Defender responds by saying “No pervasion.”

The Challenger then says “Restate the pervasion” and the Defender states the **negated** pervasion, (making sure to include the word “**not**” before the word “**necessarily**”). Add articles (“the, an, a”) as you wish.

#### EXAMPLE

**C: Take the subject: a kidney. It follows that *it's* life, because *it* has cells.**

**D: No pervasion!**

**C: Restate the pervasion.**

**D: If *it* has cells, *it* is not necessarily life.**

---

\* Remember that some of the pervasions are valid while others are not, but here we're just doing an exercise to train in the habit of learning how to restate the pervasion.

<b>1</b>	<b>Subject:</b> rose bush	<b>It follows it is:</b> tree	<b>because it is:</b> plant
<b>2</b>	<b>Subject:</b> cactus	<b>It follows it is:</b> plant	<b>because it is:</b> tree
<b>3</b>	<b>Subject:</b> Germany	<b>It follows it is:</b> island	<b>because it is:</b> EU member nation
<b>4</b>	<b>Subject:</b> Angela Merkel	<b>It follows she is:</b> German	<b>because she is:</b> German citizen
<b>5</b>	<b>Subject:</b> Albert Einstein	<b>It follows he is:</b> German	<b>because he:</b> speaks German
<b>6</b>	<b>Subject:</b> Albert Einstein	<b>It follows he is:</b> Not German	<b>because he is:</b> American
<b>7</b>	<b>Subject:</b> Compassion	<b>It follows it is:</b> emotion	<b>because it is:</b> unpleasant feeling
<b>8</b>	<b>Subject:</b> visual perception of a rainbow	<b>It follows it is:</b> consciousness	<b>because it is:</b> experience
<b>9</b>	<b>Subject:</b> Compassion	<b>It follows it is:</b> brain state	<b>because it is:</b> consciousness
<b>10</b>	<b>Subject:</b> Compassion	<b>It follows it is:</b> Pleasant feeling	<b>because it is:</b> cause of happiness



<b>11</b>	<b>Subject:</b> • <b>wealth</b>	<b>It follows it is:</b>  <b>Cause of happiness</b>	<b>because it is:</b>  <b>reduces suffering</b>
<b>12</b>	<b>Subject:</b>  <b>H.H. the Dalai Lama</b>	<b>It follows he is:</b>  <b>Buddha</b>	<b>because he:</b>  <b>knows emptiness</b>
<b>13</b>	<b>Subject:</b>  <b>Cactus</b>	<b>It follows it is:</b>  <b>Life</b>	<b>because it is:</b>  <b>composed of cells</b>
<b>14</b>	<b>Subject:</b> • <b>Greed</b>	<b>It follows it is:</b>  <b>Adaptive trait</b>	<b>because it is:</b>  <b>evolved trait</b>
<b>15</b>	<b>Subject:</b> • <b>Generosity</b>	<b>It follows it is:</b>  <b>Maladaptive trait</b>	<b>because it is:</b>  <b>cause of loss of possessions</b>
	<b>Now Switch Roles</b>		<b>Now Switch Roles</b>
<b>16</b>	<b>Subject:</b>  <b>Joy</b>	<b>It follows it is:</b>  <b>possible</b>	<b>because it is:</b>  <b>mental state</b>
<b>17</b>	<b>Subject:</b>  <b>matter</b>	<b>It follows it is:</b>  <b>substance</b>	<b>because it is:</b>  <b>composed of particles</b>
<b>18</b>	<b>Subject:</b>  <b>Gravity</b>	<b>It follows it is:</b>  <b>energy</b>	<b>because it is:</b>  <b>force</b>

<b>19</b>	<b>Subject:</b>  <b>Love</b>	<b>It follows it is:</b>  <b>Mistaken cognition</b>	<b>because it is:</b>  <b>projects attractiveness onto someone</b>
<b>20</b>	<b>Subject:</b>  <b>Color of a rainbow</b>	<b>It follows it is:</b>  <b>tangible</b>	<b>because it is:</b>  <b>matter</b>
<b>21</b>	<b>Subject:</b>  <b>Electron</b>	<b>It follows it has:</b>  <b>Definite position</b>	<b>because it has:</b>  <b>definite shape</b>
<b>22</b>	<b>Subject:</b>  <b>Mind</b>	<b>It follows it is:</b>  <b>Clear and aware</b>	<b>because it is:</b>  <b>produced in the form of whatever object it encounters</b>
<b>23</b>	<b>Subject:</b>  <b>Consciousness</b>	<b>It follows it is:</b>  <b>mystery</b>	<b>because it is:</b>  <b>difficult to know</b>
<b>24</b>	<b>Subject:</b>  <b>Camel</b>	<b>It follows it is:</b>  <b>mammal</b>	<b>because it is:</b>  <b>animal</b>
<b>25</b>	<b>Subject:</b>  <b>Tiger</b>	<b>It follows it is:</b>  <b>Cat</b>	<b>because it is:</b>  <b>lion</b>
<b>26</b>	<b>Subject:</b>  <b>Gandhi Ji</b>	<b>It follows he is:</b>  <b>Indian</b>	<b>because he is:</b>  <b>Indian saint</b>
<b>27</b>	<b>Subject:</b>  <b>happiness</b>	<b>It follows it is:</b>  <b>impossible</b>	<b>because it is:</b>  <b>impermanant</b>

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<b>28</b>	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	<b>Cancer cell</b>	<b>life</b>	<b>reproduces</b>

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<b>29</b>	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	<b>Desire for procreation</b>	<b>Motivator of all human action</b>	<b>driver of evolution</b>

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<b>30</b>	<b>Subject:</b>	<b>It follows it is:</b>	<b>because it is:</b>
	<b>light</b>	<b>wave</b>	<b>particle</b>

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## WORKSHEET 14 - DRILL

### Reason not True or No Pervasion

Instructions: The following syllogisms are wrong. First decide who will be Challenger and who will be Defender. Challenger will read out the subject, predicate and reason and Defender will respond with “Reason not true” or “No pervasion.” Then change roles. You can start slowly but try to get faster as you practice.

#### EXAMPLE

Take the subject:	It follow it is:	because it has:	Answer?
A flower	matter	energy	No pervasion

As the Defender, you can ask yourself the following questions to determine which answer to give...

First ask yourself: does a flower have energy?

(if no, then “Reason not true”).

Then ask yourself: is everything that has energy necessarily matter?

(if no, then “No pervasion”.)

Now respond to the following with “Reason not true” or “No pervasion.”

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<b>1 Subject:</b> An oak tree	<b>It follows has:</b> life	<b>because it has:</b> energy
<b>2 Subject:</b> a cactus	<b>It follows it is:</b> A plant	<b>because it is:</b> an elephant
<b>3 Subject:</b> compassion	<b>It follows it is:</b> a perception	<b>because it is:</b> created by neurological activity
<b>4 Subject:</b> anger	<b>It follows it is:</b> a cause of happiness	<b>because it is:</b> An evolved trait

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5	<b>Subject:</b> Germany	<b>It follows it is:</b> A nation	<b>because it is:</b> in Asia
6	<b>Subject:</b> Potala Palace	<b>It follows it is:</b> A Tibetan	<b>because it is:</b> in Tibet
7	<b>Subject:</b> the color red	<b>It follows it is:</b> a shape	<b>because it is:</b> the color of a red square
8	<b>Subject:</b> ChatGPT	<b>It follows it is:</b> intelligent	<b>because it:</b> can speak
9	<b>Subject:</b> A computer	<b>It follows it has:</b> consciousness	<b>because it has:</b> intelligence
10	<b>Subject:</b> ethical behavior	<b>It follows it is:</b> maladaptive trait	<b>because it is:</b> cause of suffering
11	<b>Subject:</b> emotion	<b>It follows it is:</b> Positive affect	<b>because it is:</b> experience
12	<b>Subject:</b> a form	<b>It follows it is:</b> a color	<b>because it is:</b> something reasonably described as a hue
13	<b>Subject:</b> perception of the Eiffel Tower	<b>It follows it is:</b> Visual consciousness	<b>because it is:</b> perception of a form
14	<b>Subject:</b> Albert Einstein	<b>It follows he is:</b> American	<b>because he:</b> lives in America
15	<b>Subject:</b> Albert Einstein	<b>It follows he is:</b> German	<b>because he is:</b> physicist

Now Switch Roles

Now Switch Roles

16	<b>Subject:</b> Electron	<b>It follows it is:</b> A fundamental particle	<b>because it is:</b> a particle
17	<b>Subject:</b> A photon	<b>It follows it is:</b> A particle	<b>because it is:</b> a quantum object
18	<b>Subject:</b> The color red	<b>It follows it is:</b> the color of the sky	<b>because it is:</b> matter
19	<b>Subject:</b> The visual perception of a rainbow	<b>It follows it is:</b> Brain activity	<b>because it is:</b> experience
20	<b>Subject:</b> The color of a rainbow	<b>It follows it is:</b> white	<b>because it is:</b> all colors of the visible spectrum
21	<b>Subject:</b> happiness	<b>It follows it is:</b> the meaning of life	<b>because it is:</b> aim of our desires
22	<b>Subject:</b> procreation	<b>It follows it is:</b> the meaning of life	<b>because it is:</b> the motivator of all human activity
23	<b>Subject:</b> possessions	<b>It follows they are:</b> the cause of happiness	<b>because they are:</b> a source of desire

Note that a reason can be flawed even when the thesis itself is true.

24	<b>Subject:</b> The taste of milk chocolate	<b>It follows it is:</b> sweet taste	<b>because it is:</b> a bitter taste.
25	<b>Subject:</b> H.H. the Dalai Lama	<b>It follows he is:</b> A Buddha	<b>because he has:</b> infinite compassion
26	<b>Subject:</b> Generosity	<b>It follows it is:</b> a cause of acquiring wealth	<b>because it is:</b>

			<b>causes the loss of possessions</b>
<b>27</b>	<b>Subject:</b> consciousness	<b>It follows it is:</b> Clear and aware	<b>because it is:</b> produced in the brain
<b>28</b>	<b>Subject:</b> An oak seed	<b>It follows it is:</b> The cause of an oak tree	<b>because it is:</b> a seed
<b>29</b>	<b>Subject:</b> India	<b>It follows it is:</b> a democracy	<b>because it is:</b> a nation
<b>30</b>	<b>Subject:</b> Tibetan	<b>It follows it is:</b> A language	<b>because it is:</b> spoken

## Joints of Debate 1 Worksheet 15

**Instructions:** The Challenger will give two objects by saying e.g.  
“It follows you can posit the relationship between flower and form in terms of Three Joints, Four Joints, Equivalence, or Contradiction.”

The Defender will accept and the Challenger will reply “**Posit it.**”

The Defender will identify the Joints of Reasoning between the two objects, choosing one of the following four: *three joints, four joints, equivalence, contradiction.*

Then, the Challenger will ask for examples of each Joint. Use the Joints of Debate Template for reference.

1. dog	animal
2. dog	cat
3. bird	animal with feather
4. big animal	mammal
5. feline	pet
6. red apple	red thing
7. green apple	red thing
8. thing with color	car
9. permanent thing	impermanant thing
10. hot liquid thing	tea
11. grey thing	thing that are not black
12. fire	water
13. sentient being	thing with mind
14. fish	animal that swim
15. human	mammal
16. elephant	thing with trunk
17. Indian animals	elephant
18. building	elephant
19. orange juice	that which is squeezed from an orange.
20. female	nun
21. female	giraffe



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22. physical objects	observable object
23. female	person who wears a skirt
24. pot	earth
25. juice	not juice
26. things that have doors	vehicles
27. arachnid	eight legged creature
28. green	color of money
29. stars in the solar system	stars in the milky way
30. numbers	integers

Next pick out a few pairs that you like. The Challenger will ask the Defender how many Joints there are. The Challenger will then confirm the pervasions and ask the Defender for examples. (You can refer to the Counting the Joints Template to see how to do this. )

## Joints of Debate 2 Worksheet 16

**Instructions:** The Challenger will give two objects by saying e.g.

**“It follows you can posit the difference between a flower and form in terms of Three Joints, Four Joints, Equivalence, and Contradiction.”**

The Defender will accept and the Challenger will reply “Posit them!”

The Defender will identify the joints of reasoning between the two objects, choosing from the following four options: ***equivalence, contradiction, three joints, four joints.***

The Challenger will then confirm the pervasions and ask the Defender for examples.

Here are some more interesting (and more difficult) subjects to compare. Don't be afraid to try out an answer to see if it works.

1. mind	consciousness
2. mind	brain
3. featherless bipeds	humans
4. humans	animals that use language
5. knowledge	things which have been learned
6. knowledge	information
7. caused things	impermanent objects
8. female	male
9. physical objects	observable objects
10. young people	old people
11. friend	foe
12. friend	relative

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13. claim	information
14. particle	wave
15. object of thought	phenomenon
16. mental consciousness	thought
17. planet inhabited by life	planet in the milky way
18. positive mental state	mental state with positive affect
19. prime numbers	even numbers
20. whole numbers	natural numbers

## Definitionology Worksheet 17

**Instructions:** The Challenger will ask the Defender to posit the definition of some phenomenon by saying e.g.

**“It follows you can posit the definition of matter.”**

The Defender will accept and the Challenger will reply **“Posit it.”**

The Defender then must posit a definition to the best of their ability, saying: **“Take the subject”** and then their suggested definition

Then, the Challenger will try to find counter-examples that poke holes in the definition given by showing that the definition and definiendum do not have the eight doors of pervasion (i.e., posit a subject that is matter, but doesn't fit the definition; or else fits the definition, but is not matter).

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1. Dog

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2. Mug

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3. Cup

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4. Chair

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5. Ear consciousness

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6. Anger

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7. Compassion

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8. Life

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9. Debate

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10. Cognition

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11. Emotion

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12. Love

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13. Attachment

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14. Bodhisattva

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15. Human

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16. Energy

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17. Space

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18. Cause

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19. Condition

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20. Funny

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