

Chapter 2 Classwork

Exercise 2-7

Instructions: Identify the **premises** and **conclusions** in the following arguments.

1) The Beatles were the greatest. So many of their songs defined rock and roll.

2) Your face looks the same as everyone else's to me. I wouldn't be able to recognize you if we met again.

3) The sun has risen in the west for over two thousand years. It will probably rise in the west tomorrow as well.

4) All salt is soluble in water. This substance in my hand which I put in the glass of water is salt. This substance will dissolve in the water.

5) Previously, the Pope had said that women may not be ordained because Christ, faced with the possibility of choosing women to be priests, did not do so, and the practice of the church today must model that of its founder.

Exercise 2-8

Instructions: Determine which of the following arguments are **deductive** and which are **inductive**. Remember that in a deductive argument, the conclusion is intended to follow the premises with certainty; in an inductive argument, the conclusion is intended to follow the premises with probability.

1) All women are nuns. Lady Gaga is a women, so she is a nun.

2) Tony is a tiger, a mouse, or a cat. Tony is not a cat. So Tony must be a tiger.

3) Since the good, according to Plato, is that which furthers a person's real interests, it follows that if a person knows the good, she will seek it.

4) If cigarette companies publish warning labels, then smokers assume the risk of smoking. Cigarette companies do publish warning labels. So smokers do assume that risk.

5) The meerkat is closely related to the suricate. The suricate thrives on beetle larvae. So the meerkat likely thrives on beetle larvae.

Exercise 2-9

Instructions: Some of the following are the **balance of considerations** type of reasoning, some are the **inference to best explanation** type of reasoning, and some are neither. Determine which are which.

1) Donald Trump doesn't seem qualified to be president, but Hilary Clinton is just another corrupt politician. And Trump says whatever he wants and isn't controlled by the establishment. The choice is clear, I have to vote for Trump.

2) I had a pain in my leg when I went to bed yesterday. It was gone this morning. Sleeping probably made the pain go away.

3) You have a runny nose, sore throat, *and* a temperature. It must be the flu, you should go to the doctor.

4) Either God exists or He does not. By believing that He exists, you lose nothing if you are wrong; but if you are right, He will

reward you with happiness and eternal life. By believing He does not exist, you lose nothing if you are right; but if you are wrong, you may suffer eternal damnation. It is therefore prudent to believe that He exists.

5) I don't like Mr. Biden's personality, he's creepy and doesn't seem to have a moral compass.

Exercise 2-10

Instructions: Create a premise that would make the following arguments **deductive**.

1)

1. _____
2. Genevieve loves to play.
Genevieve is a gamer.

2)

1. _____
2. The men are really good at digging ditches.
They must have gone to prison in the past.

3)

1. _____
2. I ate too much sugar.
Now I feel terrible.

4)

1. _____
2. My friend Stanly keeps traveling to new countries.
He really likes to meet new people.

5)

1. _____
2. Most people in Sweden are atheist or agnostic regarding the existence of God.
Swedes are really good and fun people.

Exercise 2-11

Instructions: Create a premise that would make the following arguments **inductive**.

1)

1. _____
2. His blood matched the blood on the glove found at the crime scene.
He killed her.

2)

1. _____
2. He's a professor.
He's a liberal.

3)

1. _____
2. She owns a gun.
She belongs to the National Rifle Association (NRA).

4)

1. _____
2. Grand Theft Auto 5 (GTA 5) has the best storyline and gameplay of any other game of its kind in the past 10 years.
GTA 5 is a classic.

5)

1. _____

2. He's got a lot of books.

He probably reads a lot.