

Chapter 4 Homework

Exercise 4-1

Instructions: Identify which of the following are **arguments by analogy**, and which are only analogies.

1) These shrubs have shiny green leaves, and Privet has the same leaves. I bet these shrubs keep their leaves in the winter, too.

2) Between you and me, Huck has less personality than a pincushion.

3) You don't like picnicking? Well, you won't like camping either. You can't do either without getting eaten by mosquitos.

4) Driving fast is like playing with fire.

5) Too much sun will make your face leathery. I suppose it will have that effect on your hands, too.

Exercise 4-2

Instructions: Consider each pair of **arguments by analogy**, and determine which one is stronger than the other.

1)

a. The team did pretty well against the defending champs. They will probably do well in the next game they play.

b. The team with a winning record did pretty well against the defending champs. They will probably do well in the next game they play.

2)

a. Since she was young, Yolanda has understood electronics really well. She used to build her own radio transmitters out of spare parts. She'll probably end up being an engineer when she's all grown up.

b. Since she was young, Yolanda has understood electronics really well. She used to build her own radio transmitters out of spare parts. She'll probably end up working for NASA when she's all grown up.

Exercise 4-3

Instructions: Evaluate the following **arguments by analogy** as relatively strong or weak. Answers may differ from student to student, though not always.

1) Earth is like Mars. Since Earth can support life, so can Mars.

2) Hey, work for Harris if you can. She leaves big tips; she probably pays her employees well too.

3) Julia is good at Bowling; I bet she'd be great at poker.

4) Julia is good at croquet; I bet she'd be great at bowling.

Exercise 4-4

Instructions: Determine which of the following are **statistical syllogisms**, and which are **sample arguments**.

1) Here try this one. It'll stop your cough. It's a Breezer.

2) The local Kia dealership is thriving; which suggests that Kia is doing well nationally.

3) Almost every Shih Tzu I've run into is smart; there probably aren't any anywhere that are not smart.

4) A majority of republicans favor immigration reform, and Horace is a republican. Connect the dots.

5) Comcast service has improved a lot over the past year judging from what has happened around here.

Exercise 4-5

Instructions: Complete the **statistical syllogism** by providing the appropriate claim.

1)

1. _____
 2. That dog is an otterhound.
- ∴ Don't waste your time teaching that dog to fetch.

2)

1. Most people who belong to the ACLU are liberals.
 2. Dr. Walker belongs to the ACLU.
- ∴ _____

3)

1. _____
 2. Sharon shops online.
- ∴ She probably doesn't pay sales tax.

4)

1. Most members of the NRA are republicans.
 2. _____
- ∴ York is probably a republican.

5)

1. Most smokers drink.

2. _____

\therefore Sally drinks.

Exercise 4-6

Instructions: Determine the sample, population, and attribute of interest in the following **sample arguments**.

1) I've seen at least ten Disney movies and not one of them has been violent. Apparently Disney doesn't make violent movies.

2) Judging from what I saw, Columbus State is a fun place to be.

3) Costco's store brand coffee tastes as good as any name brand; I'll bet any store brand product from Costco is as good as the name brand.

4) A 55 percent approval rating? Them polls is rigged! Most people I know think he's a Marxist.

5) The young people around here are crazy! Did you see those two dudes drag racing?