

Inductive or Deductive Reasoning

Use what you know about inductive and deductive reasoning to determine which of the two types of reasoning were used to make the following arguments.

1. I saw twelve crows when I went on a walk. They were all black, so I believe all crows are black.
2. Every person has a unique fingerprint. Ron's fingerprint was found on Tina's sink. I believe that Ron used Tina's sink.
3. All surfers like big waves. Terry is a surfer, so Terry must like big waves.
4. Every teenager I know likes to sleep, so I believe that all teenagers like to sleep.
5. Every fish I have seen has been in water, so I believe that all fish live in water.
6. People born between January 20 and February 18 are an Aquarius. President Reagan was born on February 6, so he was an Aquarius.
7. One must be at least 35 years old to serve as president. Barach Obama is president, so President Obama is at least 35 years old.
8. In every Pokemon episode with Brock that I have seen, he has fallen for a girl. Brock is girl crazy!!!!
9. Brad, Sara and Craig have blonde hair. They also drive fast cars. All blondes must drive fast cars.
10. Every pig on Missy's farm wallows in the mud. I conclude that all pigs wallow in mud.
11. Every time I cleaned an "M" off of a wall in SuperMario Sunshine I got a blue coin. The next time I see an "M" I will clean it off so I get a blue coin.
12. Evergreen plants keep their leaves in the winter. A Camellia bush is an evergreen. A Camellia bush will have its leaves in the winter.
13. A positive strep test means that a person has strep throat. Maria had a positive strep test. Maria has strep throat.
14. Snow melts in the heat. Frosty is made of snow. Frosty will melt in the heat.
15. The last four Wednesday's Mr. Martinez has given his class a pop quiz. Next Wednesday he will give his class another pop quiz.
16. Gold melts at 1948°F. The goldsmith has heated the gold to 1950°F. The gold is in liquid form.
17. All even numbers are divisible by 2. 14 is divisible by 2. Fourteen is an even number.
18. Every time I flip the purple switch up, the radio turns on, so the purple switch must control the radio.
19. All birds have wings. A finch is a bird. A finch has wings.
20. All houses on my block have sloped roofs, Mary's house is on my block. Mary's house has a sloped roof.