

Inductive and Deductive Reasoning ASSIGNMENT

Identify whether the statement is concluded using inductive or deductive reasoning.

1. The chair in the bedroom is brown. The chair in the dining room is brown. The chair in the living room is brown. "All the chairs in the house are brown".

2. Whenever John eats peanuts, his throat swells. "John is allergic to peanuts".

3. All dolphins are mammals. Mammals have kidneys. "Dolphins have kidneys".

4. All cars have engines. Porche is a car. "Porche has an engine".

5. If any student comes late to the school, he is fined. "Adams came late to school, so he will be fined".

6. It is dangerous to drive in dense fog. The fog is dense right now. "It is dangerous to drive right now".

7. All the football players are physically fit. Wayne is a football player. "Wayne is physically fit".

8. All human beings are mortal. Gomes is a human being. "Gomes is mortal".

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9. Eric’s father is bald. Eric’s grandfather is bald. “Every male in Eric’s family is bald”.

10. Henna’s first grade teacher was female. Her second grade teacher was also a female. “All the teachers in Henna’s school for all grades are females”.

11. Alan got 91 marks out of 100 in an exam. His friend Bailey got 93 and his friend Jake got 92. “All of Alan’s friends got 90+ marks”.

Write a statement using inductive or deductive reasoning given the statements below.

1. All the reptiles are cold-blooded animals. Snake is a reptile.

2. Jerry’s father is a lawyer. His grandfather was a lawyer and his brother is a lawyer.

3. All the electronic devices need electric power. TV is an electronic device.

4. Jake has 4 siblings. His elder brother and sister know how to swim. His younger brother also learned how to swim.

5. All the laptops have a screen. Dell is a laptop brand.
