Year 6 Science: Traits, inheritance and variation in living things

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. Which of these is a trait: the colour of a dog's coat, the dog's name, or the dog's favourite toy?

2. Does the length of a cat's tail fall into clear groups or a range?

3. Two kōwhai seedlings come from the same tree. One grows tall in the sun and one stays small in deep shade. What caused the difference?

4. White and brown mice live in a dark, brown forest. Owls hunt them by sight. Which colour will probably become more common, and why?

5. In Room 6's histogram, how many leaves were 8.0 cm or longer?

Fix the mistake

6. Correct this statement: "Brothers and sisters from the same parents are exactly the same."

7. Correct this statement: "Every trait comes only from the parents."

8. Correct this statement: "A histogram has gaps between the bars, like a bar graph."

9. Correct this statement: "Measuring the five biggest leaves on a tree shows how leaf size varies."