Year 4 Science: Eggs, live young, seeds and spores: how living things begin

Name: _____ Date: _____

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

Practice

1. Does a kiwi lay eggs or give birth to live young?

2. A platypus lays eggs. Is it a mammal?

3. What do ferns make instead of seeds?

4. Which part of a flower makes pollen?

5. A drawing is 12 cm long. The real flower is 4 cm long. What is the magnification?

6. What does a seed need to germinate?

Fix the mistake

7. Correct this statement: "All mammals give birth to live young."

8. Correct this statement: "Ferns grow from seeds."

9. Correct this statement: "Shade and colour a scientific drawing so it looks real."

10. Correct this statement: "The magnification of a 9 cm drawing of a 3 cm flower is ×6."

Answer key (for parents and tutors)

1. Does a kiwi lay eggs or give birth to live young?
   It lays eggs.
2. A platypus lays eggs. Is it a mammal?
   Yes, because it feeds its young on milk.
3. What do ferns make instead of seeds?
   Spores.
4. Which part of a flower makes pollen?
   The anther, at the tip of the stamen.
5. A drawing is 12 cm long. The real flower is 4 cm long. What is the magnification?
   ×3, because 12 ÷ 4 = 3.
6. What does a seed need to germinate?
   Water and warmth.
7. Correct this statement: "All mammals give birth to live young."
   Echidnas and platypuses are mammals that lay eggs; they still feed their young on milk.
8. Correct this statement: "Ferns grow from seeds."
   Ferns and mosses grow from spores; they have no flowers and no seeds.
9. Correct this statement: "Shade and colour a scientific drawing so it looks real."
   Use single clear pencil lines and no shading, so every part and label is easy to see.
10. Correct this statement: "The magnification of a 9 cm drawing of a 3 cm flower is ×6."
    Divide, do not subtract: 9 ÷ 3 = 3, so the magnification is ×3.