Year 3 Maths: Measuring Length, Mass, Capacity and Area

Name: _____ Date: _____

Have a go first, then check the answers with a grown-up.

Practice

1. Which unit would you use for the water in a bucket: cm, kg, L or g?

2. Put 3 kg, 500 g and 1 kg in order from lightest to heaviest.

3. What is the perimeter of a rectangle 5 m long and 2 m wide?

4. A rectangle is 5 squares long and 2 squares wide. What is its area?

5. What is the perimeter of a square with sides of 7 cm?

Spot the mistake

6. What is wrong? "The perimeter of a 6 cm by 4 cm rectangle is 6 + 4 = 10 cm."

7. What is wrong? "Start measuring from the very end of the ruler."

8. What is wrong? "900 g is heavier than 2 kg because 900 is bigger."

9. What is wrong? "Count only the squares around the edge to find the area."

Answer key (for parents and tutors)

1. Which unit would you use for the water in a bucket: cm, kg, L or g?
   L
2. Put 3 kg, 500 g and 1 kg in order from lightest to heaviest.
   500 g, 1 kg, 3 kg
3. What is the perimeter of a rectangle 5 m long and 2 m wide?
   14 m (5 + 2 + 5 + 2)
4. A rectangle is 5 squares long and 2 squares wide. What is its area?
   10 squares (2 rows of 5)
5. What is the perimeter of a square with sides of 7 cm?
   28 cm (7 + 7 + 7 + 7)
6. What is wrong? "The perimeter of a 6 cm by 4 cm rectangle is 6 + 4 = 10 cm."
   A rectangle has four sides: 6 + 4 + 6 + 4 = 20 cm.
7. What is wrong? "Start measuring from the very end of the ruler."
   Start at the 0 mark, which is not always the very end.
8. What is wrong? "900 g is heavier than 2 kg because 900 is bigger."
   2 kg is 2,000 g, so 2 kg is heavier.
9. What is wrong? "Count only the squares around the edge to find the area."
   Area counts every square inside the shape.