Fractions and decimals

P7 Mathematics | Teacher answer key

Award one mark per correct answer. Total: 5 marks.

1. A tray has 36 eggs. How many eggs are in three quarters of the tray?
27. One quarter is 36 ÷ 4 = 9 eggs. Three quarters is 3 × 9 = 27 eggs.

2. A tailor joins 1/2 m of cloth to 1/3 m. What is their total length before sewing?
5/6 m. One half is 3/6 and one third is 2/6. Together they measure 5/6 m.

3. Which fraction in simplest form is equal to 0.45?
9/20. The last digit is in the hundredths place. Divide both parts of 45/100 by 5 to get 9/20.

4. A tin holds 2.4 kg of flour. After 0.65 kg is used, how much remains?
1.75 kg. Write 2.4 as 2.40. Subtract 0.65 to get 1.75 kg.

5. Which quantity is greater, 5/8 litre or 0.6 litre?
5/8 litre. Divide 5 by 8 to get 0.625. Compare 0.625 with 0.600.