Skill: **Calculating fractions of amounts.**

To calculate the fraction of numbers and quantities

$\frac{2}{3}$ of 6

6

4

$\frac{2}{3}$ of the apples are red

(group split into **3** parts)
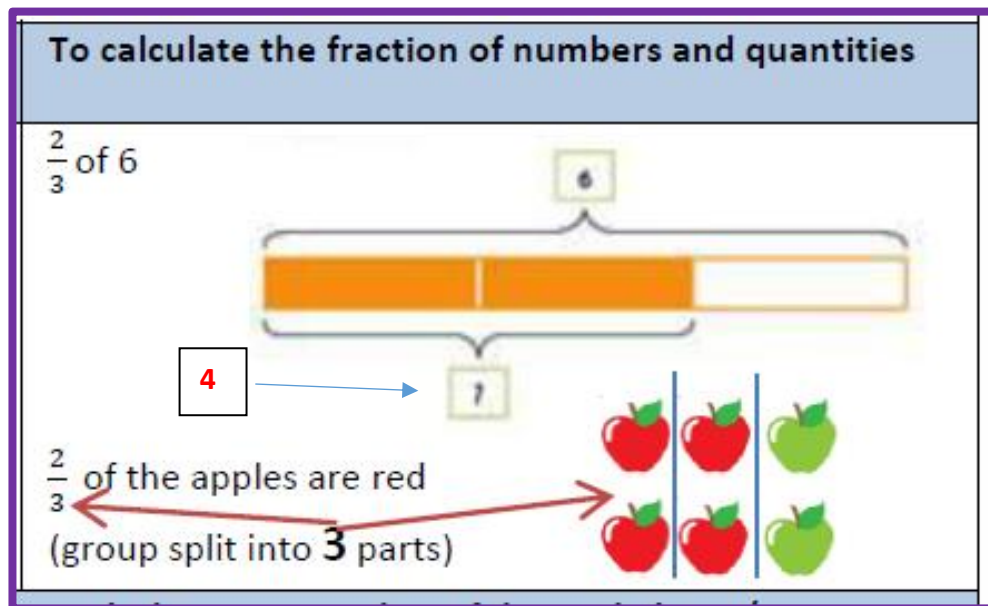
Steps to success:

1 – divide the denominator by the whole number

2 – multiply that answer by the numerator

E.G: ¾ of 16 = 16 ÷ 4 = 4 (this tells you what ¼ of 16 is)

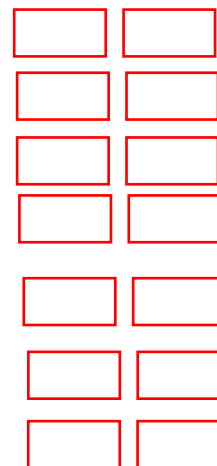= 4 x 3 (because you want to know what ¾ is)

= 12

Complete:

Shade in the pictures and <u>write</u> the fraction of amount (like the model shows above):
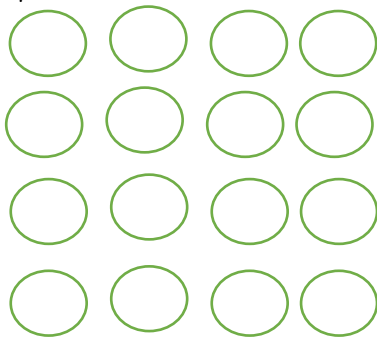
1. ¼ of 12   2. 2/7 of 14

Find the amount and <u>show your working</u>:

3. 2/8 of 24

4. 3/5 of 55

5. 7/9 of 63

6.

5. Aleeza says:

I drank $\frac{3}{5}$ of a 60ml bottle of water.

Sam says:

I drank $\frac{2}{6}$ of a 60ml bottle of water.

Who drank the most water? Explain your answer.

7.

7. Michelle says:

I drank $\frac{7}{9}$ of a 36ml bottle of water.

Peter says:

I drank $\frac{4}{6}$ of a 36ml bottle of water.

Who drank the most water? Explain your answer.

8.

2. Use the digit cards to make this calculation correct.

| 3 | 1 | 9 |

$$\frac{\square}{\square} \text{ of } 15 = 5$$

Is there more than one solution?

9.

4. Use the digit cards to make this calculation correct.

| 2 | 6 | 7 |

$$\frac{\square}{\square} \text{ of } 54 = 18$$

Is there more than one solution?