

Use this sheet to build up your confidence to **attempt** the main worksheet.

Remember, do your best and **give it a go.** 😊

**Today's top tip**- divide your whole number by the numerator. Multiply your answer by the denominator.

Example:

Step 1:  $24 \div 3 = 8$

Step 2:  $8 \times 2 = 16$

$\frac{2}{3}$  of  $24 =$

$\frac{2}{3}$  of 24 = 16

Diagram showing 24 divided into 3 equal parts, each containing 8. The first two parts are circled, representing  $\frac{2}{3}$  of 24.

1. Clara has 16 cupcakes.

Diagram showing 16 yellow circular counters arranged in two rows of eight. To the right is a blue circular icon with a white submarine and a pink cupcake with white frosting.

a) Use the counters above to represent Clara's cupcakes and find:

$\frac{1}{2}$  of 16 =      $\frac{1}{4}$  of 16 =      $\frac{1}{8}$  of 16 =

2. Complete the number sentences.

a)  $\frac{1}{4}$  of 20 =

Diagram showing a bar divided into 4 equal parts, with the first part shaded red. The total value 20 is written above the bar, and a question mark is below the shaded part.

d)  $\frac{1}{4}$  of 40 =

Diagram showing a bar divided into 4 equal parts, with the first part shaded red. The total value 40 is written above the bar, and a question mark is below the shaded part.

b)  $\frac{1}{5}$  of 20 =

Diagram showing a bar divided into 5 equal parts, with the first part shaded red. The total value 20 is written above the bar, and a question mark is below the shaded part.

e)  $\frac{1}{8}$  of 40 =

Diagram showing a bar divided into 8 equal parts, with the first part shaded red. The total value 40 is written above the bar, and a question mark is below the shaded part.

3. Remember: divide your whole number by the denominator (bottom number) and then with your answer, multiply that by the numerator.

Example

$\frac{3}{4}$  of 24 =  $24 \div 4 = 6$      $6 \times 3 = 18$     Answer = 18.

Complete the number sentences.

a)  $\frac{1}{4}$  of 24 =

c)  $\frac{1}{8}$  of 32 =

$\frac{3}{4}$  of 24 =

$\frac{5}{8}$  of 32 =