

**Key Learning:** Find a fraction of an amount

12.1.21

**Success criteria**I can find  $\frac{1}{2}$  of a numberI can find  $\frac{1}{4}$  of a number

I can find mixed fractions of numbers.

I can use my fraction knowledge to solve word problems.

Find  $\frac{1}{2}$  of these numbers by drawing the number and sharing them:

$2 =$

$6 =$

$20 =$

Find  $\frac{1}{4}$  of these numbers by drawing the number and sharing them:

$4 =$

$12 =$

$20 =$

**Consider &  
Practise**

Copy these fractions into your book and draw circles to solve them.

$\frac{1}{2}$  of 12 =

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

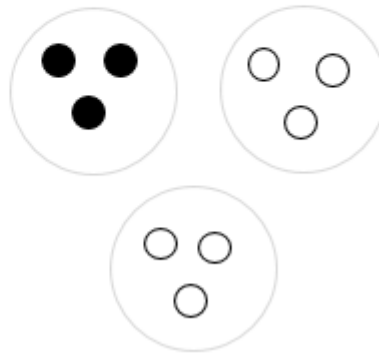
$\frac{1}{3}$  of 15 =

$\frac{1}{2}$  of 20 =

$\frac{1}{3}$  of 18 =

Example:

$\frac{1}{3}$  of 9 = 3

**Independent**

True or false  $\frac{1}{3}$  of 18 is the same as  $\frac{1}{2}$  of 12.

Show your working

True / False



Use your knowledge to fill in the missing boxes.



### Missing Numbers

Fill in the missing numbers, using the diagrams to help you.

Example:

$$\frac{1}{2} \text{ of } 10 = 5$$



1.  $\frac{1}{2}$  of  = 7



5.  $\frac{1}{3}$  of  = 6



2.  $\frac{1}{4}$  of  = 4



6.  $\frac{1}{4}$  of  = 5



**Key Learning:** Fraction of a number.

Deepening

Find  $\frac{1}{2}$  and  $\frac{1}{4}$  of these amounts of money.

$$\frac{1}{3} \text{ of } 3 = 1$$

$$\frac{1}{3} \text{ of } 6 = 2$$

$$\frac{1}{3} \text{ of } 9 = 3$$

$$\frac{1}{3} \text{ of } 12 =$$

Continue the pattern.

What do you notice?



Amount	$\frac{1}{2}$	$\frac{1}{4}$
