









Finding $\frac{3}{4}$ of an amount

WORKED EXAMPLE

To find three quarters ($\frac{3}{4}$) of an amount, share the whole into 4 equal parts. Total 3 of the parts.

The whole is 8 			
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
 	 	 	 
2	2	2	2

$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4}$$

8 is shared into 4 equal parts.

There are 2 in each equal part.

$\frac{1}{4}$ of 8 is 2.

$\frac{3}{4}$ of 8 is $2 + 2 + 2$.

REHEARSE

Talk through 2LS30_step2_speaking_frame while you find $\frac{3}{4}$ of each amount.

Then complete the models to show your understanding.

12			
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

12 is shared into ____ equal parts.

There are ____ in each equal part.

$\frac{1}{4}$ of 12 is _____. $\frac{3}{4}$ of 12 is _____.

What is $\frac{3}{4}$ of 16?

—			
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

____ is shared into ____ equal parts.

There are ____ in each equal part.

$\frac{1}{4}$ of ____ is _____. $\frac{3}{4}$ of ____ is _____.

What is three quarters of 24?

—			
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

____ is shared into ____ equal parts.

There are ____ in each equal part.

$\frac{1}{4}$ of ____ is _____. $\frac{3}{4}$ of ____ is _____.

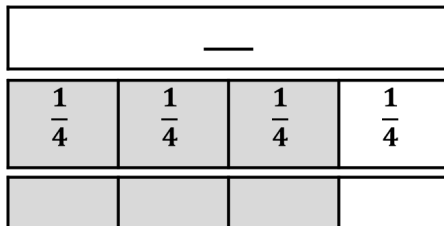
RETRIEVE

Can I still identify the missing part?

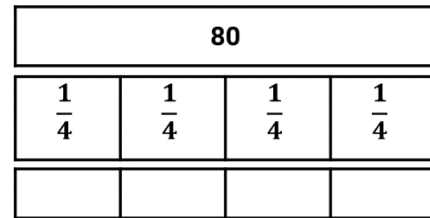
I have some ones and 4 tens. I am 59.
How many ones do I have?

REHEARSE

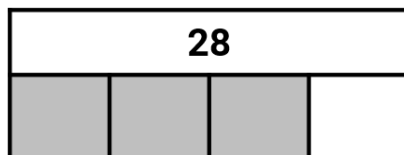
Complete the models to find $\frac{3}{4}$ of the following amounts.



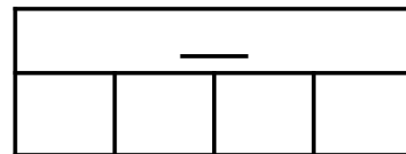
$\frac{3}{4}$ of 44 is ____.



$\frac{3}{4}$ of ____ is ____.



$\frac{3}{4}$ of ____ is ____.



$\frac{3}{4}$ of 40 is ____.

APPLY AND EXPLORE

Look at the models. They are all different.

Which model do you prefer? Why?

REHEARSE

Draw your own model to show $\frac{3}{4}$ of 20.

$\frac{3}{4}$ of 20 is ____.

APPLY AND EXPLORE

Look at the models where 20, 40 and 80 are the wholes.

What do you notice about $\frac{3}{4}$ of 20, 40 and 80? Can you explain why?