

Thursday Maths - Thursday 4<sup>th</sup> June

Starter

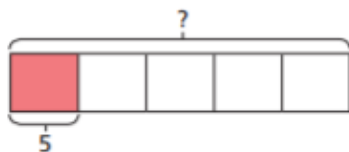
Mild	Spicy	Hot
$5192 + 3203 =$	$5126 + 4597 =$	$62\_ \_ + 3\_84 = \_688$
$5293 - 3102 =$	$5696 - 3978 =$	$6\_56 - 32\_2 = 323\_$
$18 \times 5 =$	$235 \times 8 =$	$348 \times 7 =$
$96 \div 8 =$	$126 \div 9 =$	$452 \div 8 =$
Which is bigger? $3/6$ or $5/6$	What is $2/5$ of 30?	If there were 48 days in my holiday and I ran on 12 of them, what fraction of my holiday did I spend running?

## Calculate quantities

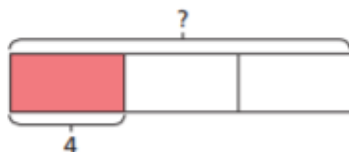
1 Match the calculations to the bar models.

Work out the missing quantities.

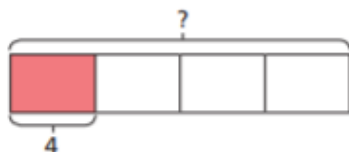
$$\frac{1}{4} \text{ of } \square = 5$$



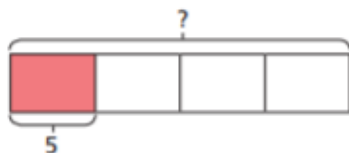
$$\frac{1}{4} \text{ of } \square = 4$$



$$\frac{1}{5} \text{ of } \square = 5$$



$$\frac{1}{3} \text{ of } \square = 4$$



2 Complete the sentences.

a) When one fifth is 1, the whole is

When one fifth is 10, the whole is

When one fifth is 20, the whole is

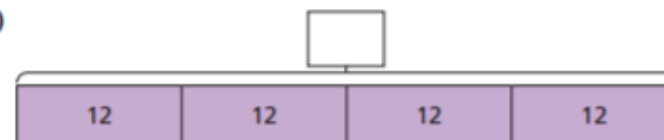
b) When  $\frac{1}{7}$  is 2, the whole is

When  $\frac{1}{7}$  is 4, the whole is

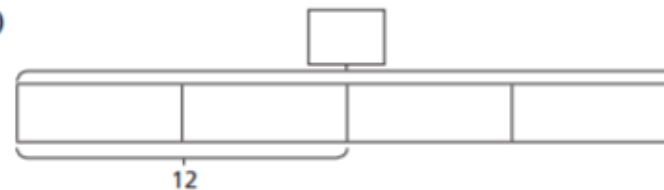
When  $\frac{1}{7}$  is 8, the whole is

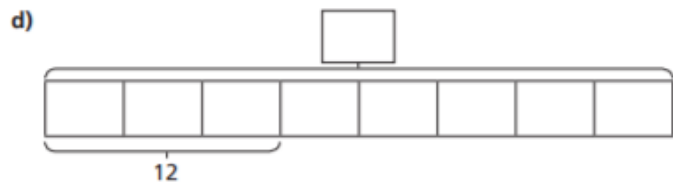
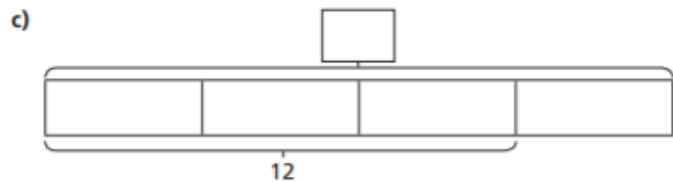
3 Complete the bar models and fill in the whole.

a)



b)





4 Complete the calculations.

a)  $\frac{1}{2}$  of  = 30

e)  $\frac{3}{7}$  of  = 15

b)  $\frac{1}{2}$  of  = 15

f)  $\frac{5}{7}$  of  = 15

c)  $\frac{1}{4}$  of  = 15

g)  $\frac{5}{7}$  of  = 35

d)  $\frac{3}{4}$  of  = 15

h)  $\frac{7}{5}$  of  = 35

5 Dora and Mo have a full bottle of juice.

Dora drinks  $\frac{2}{5}$  of the juice.

Mo drinks  $\frac{1}{5}$  of the juice.

There is 150 ml of juice left in the bottle.

How much juice was in the full bottle?

ml

6 Rosie and Ron are collecting red and blue counters.

They have the same number of blue counters.

They have a different number of red counters.



Rosie

I have 18 counters altogether.  $\frac{2}{3}$  are blue.

$\frac{3}{4}$  of my counters are blue.



Ron

a) How many counters does Ron have altogether?

b) How many red counters do they each have?

Rosie has  red counters.

Ron has  red counters.

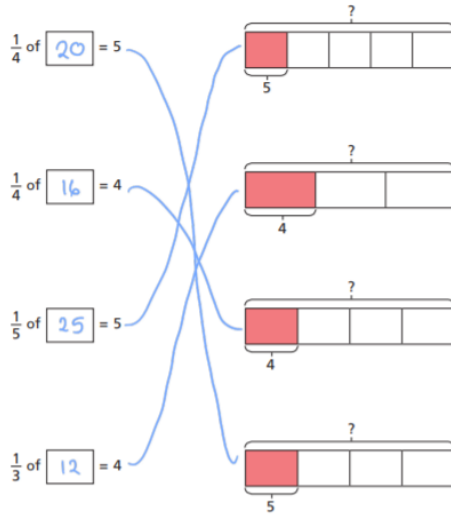
# Answers

Mild	Spicy	Hot
8395	9723	$6204 + 3484 = 9688$
2191	1718	$6456 - 3222 = 3234$
90	1880	2436
12	14	56r4
5/6	12	1/

## Calculate quantities



- 1 Match the calculations to the bar models.  
Work out the missing quantities.

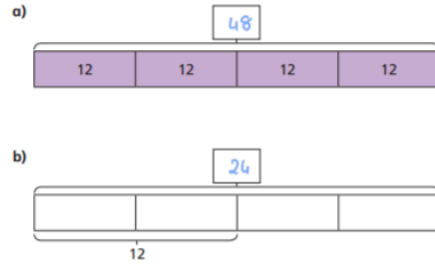


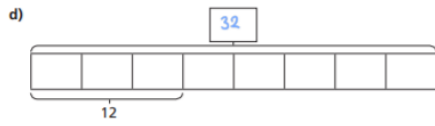
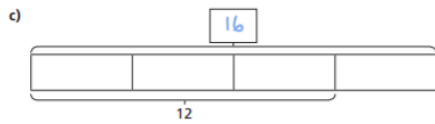
- 2 Complete the sentences.

a) When one fifth is 1, the whole is   
 When one fifth is 10, the whole is   
 When one fifth is 20, the whole is

b) When  $\frac{1}{7}$  is 2, the whole is   
 When  $\frac{1}{7}$  is 4, the whole is   
 When  $\frac{1}{7}$  is 8, the whole is

- 3 Complete the bar models and fill in the whole.





4 Complete the calculations.

a)  $\frac{1}{2}$  of  $\boxed{60} = 30$

e)  $\frac{3}{7}$  of  $\boxed{35} = 15$

b)  $\frac{1}{2}$  of  $\boxed{30} = 15$

f)  $\frac{5}{7}$  of  $\boxed{21} = 15$

c)  $\frac{1}{4}$  of  $\boxed{60} = 15$

g)  $\frac{5}{7}$  of  $\boxed{49} = 35$

d)  $\frac{3}{4}$  of  $\boxed{20} = 15$

h)  $\frac{7}{5}$  of  $\boxed{25} = 35$

- 5 Dora and Mo have a full bottle of juice.  
Dora drinks  $\frac{2}{5}$  of the juice.  
Mo drinks  $\frac{1}{5}$  of the juice.  
There is 150 ml of juice left in the bottle.  
How much juice was in the full bottle?

$\boxed{375}$  ml

- 6 Rosie and Ron are collecting red and blue counters.  
They have the same number of blue counters.  
They have a different number of red counters.



Rosie

I have 18 counters altogether.  $\frac{2}{3}$  are blue.

$\frac{3}{4}$  of my counters are blue.



Ron

- a) How many counters does Ron have altogether?

$\boxed{16}$

- b) How many red counters do they each have?

Rosie has  $\boxed{6}$  red counters.

Ron has  $\boxed{4}$  red counters.