

Choose from A, B or C. If you want to complete more than one, you can!

**A** Complete the multiplication facts.

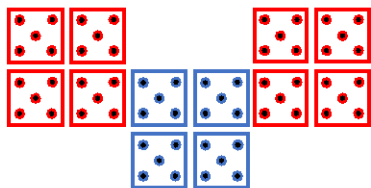
$7 \times \underline{6} = 42$	$\underline{4} \times 6 = 24$	$9 \times 4 = \underline{36}$
$\underline{7} \times 60 = 420$	$4 \times \underline{60} = 240$	$\underline{90} \times 4 = 360$
$7 \times 600 = \underline{4200}$	$400 \times \underline{6} = 2400$	$90 \times \underline{40} = 3600$

**B** Write a multiplication sentence for each example. One has been done for you.

$6 + 12 + 12$

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$6 \times 5 = 30$



$5 \times 12$  or  $3 \times 20$   
 $= 60$

$5 \times 4 - 5$

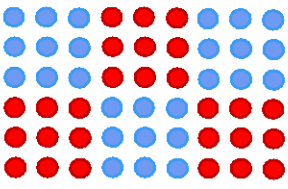
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$5 \times 3 = 15$

$7 \times 4 + 7 + 7$

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$7 \times 6 = 42$



$9 \times 6 = 54$

$4 + 8 + 12$

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$4 \times 6$  or  $12 \times 2$  or  $8 \times 3$   
 $= 24$

**C** Use your knowledge of multiplication facts to help you solve this problem.

I know... so...

$18 \times 7 = \underline{126}$

$16 \times 7 = 112$

$8 \times 14 = \underline{112}$

I know that  $16 = 10 + 7$  so:  
 $10 \times 7 = 70$  and  $6 \times 7 = 42$ .  
 $70 + 42 = 112$ .  
I can use this method to  
find  $18 \times 7$  and  $8 \times 14$ .



To help you keep your times tables sharp, remember to regularly practise on Times Tables Rock Stars. Look out for battles and help your team win!

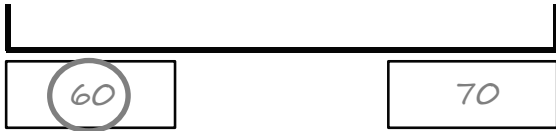
Website to support your learning:

<https://www.bbc.co.uk/bitesize/topics/zh8dmp3/articles/zpx2qty>

Five or more, let it  
soar!  
Four or less, let it  
rest!

**A** Round each of these numbers to the given value. One has been done for you.

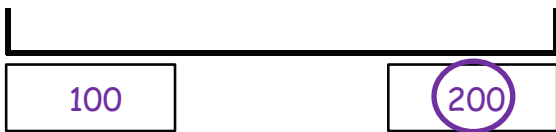
64 to the nearest 10.



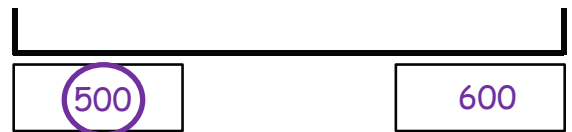
38 to the nearest 10.



179 to the nearest 100.



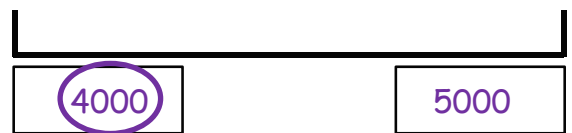
521 to the nearest 100.



2748 to the nearest 1000.



4274 to the nearest 1000.



**B** Match the number, how the number is rounded and the rounded number. One has been done for you.

39	nearest 1000	3400
65	nearest 10	70
74	nearest 100	100
145	nearest 10	700
736	nearest 10	40
1902	nearest 100	1900
3419	nearest 100	10000
9567	nearest 100	150

Connections shown in the image:

- 39 is connected to nearest 10 and 40.
- 65 is connected to nearest 100 and 100.
- 74 is connected to nearest 1000 and 10000.
- 145 is connected to nearest 100 and 100.
- 736 is connected to nearest 100 and 100.
- 1902 is connected to nearest 1000 and 1900.
- 3419 is connected to nearest 1000 and 3400.
- 9567 is connected to nearest 1000 and 10000.

C

Make your own version of the activity above. Some boxes have been completed or partly completed already. You need to include the arrows as well.

89
492

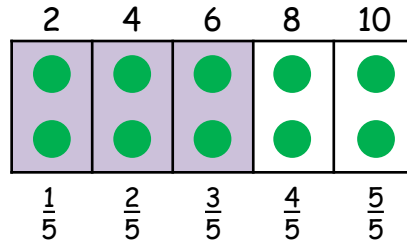
nearest _ _ _
nearest _ _ _
nearest 10
nearest _ _ _
nearest 100
nearest 1000


Various answers possible.

Website to support your learning:

<https://www.youtube.com/watch?v=D4DL4UleRuI>

$$\frac{3}{5} \text{ of } 10 = \underline{\quad}$$



I know....

$$\frac{1}{5} \text{ of } 10 = 2 \quad (10 \div 5 = 2)$$

So...

$$\frac{3}{5} \text{ of } 10 = 6 \quad (3 \times 2 = 6)$$

**A** Find the fraction of each of these amounts.

$$\frac{1}{4} \text{ of } 12 = \underline{3}$$

$$\frac{3}{4} \text{ of } 20 = \underline{15}$$

$$\frac{2}{6} \text{ of } 24\text{L} = \underline{8\text{L}}$$

$$\frac{1}{9} \text{ of } 18 = \underline{2}$$

$$\frac{4}{5} \text{ of } \text{£}30 = \underline{\text{£}24}$$

$$\frac{2}{4} \text{ of } 16 = \underline{8}$$

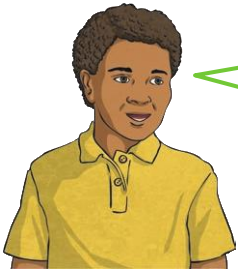
$$\frac{3}{7} \text{ of } 56\text{kg} = \underline{24\text{kg}}$$

$$\frac{5}{8} \text{ of } 64 = \underline{40}$$

$$\frac{4}{6} \text{ of } 36\text{km} = \underline{24\text{km}}$$

**B** Use your understanding of finding fractions of amounts to solve this problem.

True or False? Convince me.



$\frac{3}{4}$  of 32 is greater than  $\frac{12}{16}$  of 32.

$$\frac{3}{4} \text{ of } 32 = 24$$

$$\frac{12}{16} \text{ of } 32 = 24$$

False because the answers are equal.

Complete these missing number problems.

$$\frac{2}{3} \text{ of } 15 = 10$$

$$\frac{4}{5} \text{ of } 40\text{cm} = 32\text{cm}$$

$$\frac{2}{3} \text{ of } \underline{60} = 40$$

$$\frac{1}{2} \text{ of } \text{£}20 = \text{£}10$$

$$\frac{4}{9} \text{ of } 81 = 36$$

C

Use your knowledge of finding fractions of an amount to answer this question.

## Would you rather?

1) Would you rather...?	$\frac{3}{8}$ of £48 = £18	$\frac{3}{4}$ of £44 = £33	$\frac{5}{9}$ of £45 = £25
2) Would you rather...?	$\frac{2}{6}$ of £54 = £18	$\frac{3}{7}$ of £49 = £21	$\frac{4}{12}$ of £60 = £20
3) Would you rather...?	$\frac{5}{6}$ of £72 = £60	$\frac{8}{10}$ of £70 = £56	$\frac{7}{9}$ of £72 = £56
4) Would you rather...?	$\frac{1}{4}$ of £2 = 50p	$\frac{1}{5}$ of £3 = 60p	$\frac{1}{10}$ of £5 = 50p
5) Would you rather....?	$\frac{8}{10}$ of £1 = 80p	$\frac{3}{4}$ of £1 = 75p	$\frac{2}{8}$ of £2 = 50p
6) Would you rather...?	$\frac{1}{2}$ of £5 = £2.50	$\frac{2}{3}$ of £6 = £4	$\frac{5}{6}$ of £6 = £5
7) Would you rather...?	$\frac{7}{8}$ of £4 = £3.50	$\frac{2}{5}$ of £4 = £1.60	$\frac{2}{3}$ of £4.50 = £3
8) Would you rather...?	$\frac{4}{5}$ of £1.50 = £1.20	$\frac{3}{10}$ of £3 = 90p	$\frac{5}{9}$ of £2.70 = £1.50

Hint!  
How many pennies are  
in a pound?

Websites to extend your learning:

<https://www.topmarks.co.uk/Flash.aspx?f=bingofractionsofamountsv3>

<https://mathsframe.co.uk/en/resources/resource/264/Crystal-crash-fractions-numbers>