

## Class 8 Maths

### Facts

You need to practise your timetables and other number facts regularly, as we do in school.

You can use Times Table Rock Star like we do in school. The link is

- <https://play.ttrockstars.com/auth>

You can also use Numbots which uses the same login as Times Table Rock Star

- <https://play.numbots.com/#/account/search-school>

### Arithmetic

This week there is a mix of questions about time tables. It is important that by the end of year 3 all children should know their 2s, 5s, 10s, 3s, 4s and 8 times tables. Look at these questions and answer them. If you find this tricky write down your times tables on a page to refer back to help you.

- 1) You have 24 cubes divided into groups of 4. How many groups do you have? Write a calculation to match your model.



- 2) You have 32 cubes divided into four equal groups. How many cubes are in each group? Write a calculation to match your model.







- 3) Miss Vardy is printing spellings for her class. She has put 4 lists onto each page. There are 28 children in the class. How many copies should Miss Vardy print? Complete the bar model to show your answer.



- 4) Nadiya is ordering sandwiches for a party and has decided to order 4 per person. If Nadiya has ordered 56 sandwiches, how many people will there be at the party?

- 1) Complete the table below to show the number in numerals, words and base ten blocks:



Hundreds	Tens	Ones	Number (numerals)	Number (words)
				
			802	eight hundred and two
				two hundred and thirty-seven

1) Complete these statements:

1 chest contains 8 gold coins.

3 chests contain \_\_\_\_ gold coins.

\_\_\_\_ chests contain 56 gold coins.

12 chests contain \_\_\_\_ gold coins.



2) Which statements match this image?

	$8 \div 4 = 32$
	$8 \times 4 = 32$
	$4 \div 8 = 32$
	$4 \times 8 = 32$
	$32 \div 8 = 4$

3) Complete these statements.

$1 \times \underline{\quad} = 8$	$7 \times 8 = \underline{\quad}$
$\underline{\quad} \times 8 = 16$	$\underline{\quad} \times 8 = 64$
$3 \times 8 = \underline{\quad}$	$9 \times 8 = \underline{\quad}$
$4 \times \underline{\quad} = 32$	$\underline{\quad} \times 8 = 80$
$5 \times 8 = \underline{\quad}$	$11 \times 8 = \underline{\quad}$
$\underline{\quad} \times 8 = 48$	$\underline{\quad} \times 8 = 96$

- 1) Pirate Paulo says, "There are no odd numbers in the multiples of 8 up to  $12 \times 8$ ." Do you agree? Explain why.



- 2) Pirate Pippa has used different models to represent some facts from the eight times table. Pirate Paulo says she has made some mistakes. Do you agree with Paulo? Explain your reasons.

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24											
8	8	8									
$5 \times 2 \times 2 \times 2 = 80$											
$8 + 8 + 8 + 8 = 48$	<table border="1"><tr><td colspan="5">40</td></tr><tr><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td></tr></table>	40					5	5	5	5	5
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5	5	5	5	5							

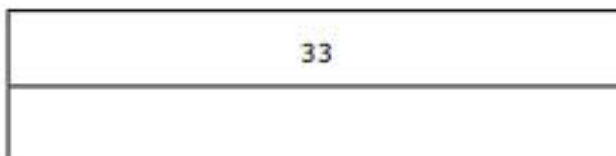
- 1) Divide the cubes into groups of three. How many groups do you have?  
Write a calculation to match your model.



- 2) Divide the cubes into three equal groups. How many cubes are in each group?  
Write a calculation to match your model.



- 3) Miss Bell's class are split into groups of three for their PE lesson. There are 33 children in total in the class. How many groups would there be? Complete the bar model to show your answer.



- 4) For lunch, the kitchen serves three sausages per person.  
If 45 vegetarian sausages are cooked, how many people will this serve?



