

Hello Year 3s, Today's maths is on <https://whiterosemaths.com/homelearning/year-3> Look for Summer Term - Week 3 (w/c 4th May) - Lesson 4 and watch the video 'Multiply and Divide by 3' then have a go at the activity (copied below).



The 3 times-table

1 Complete the multiplications.



× =



× =

2 Dani makes an array using counters.



Write two multiplication and two division facts represented by the array.

× =
 × =
 ÷ =
 ÷ =

3 Complete the number sentences.

a) $6 \times 3 = \square$ d) $\square \div 3 = 5$
 b) $3 \times \square = 27$ e) $12 \times 3 = \square$
 c) $\square \div 11 = 3$ f) $\square \times 3 = 0$

4 Complete the number sentences.

a) $2 \times 3 = \square$ b) $6 = 3 \times \square$
 $4 \times 3 = \square$ $12 = 3 \times \square$
 $8 \times 3 = \square$ $18 = 3 \times \square$

What patterns do you notice?

5 Write <, > or = to compare the statements.

a) $33 \div 11$ ○ 3 d) 6×3 ○ $6 \div 3$
 b) 27 ○ $30 \div 3$ e) 3×6 ○ $18 \div 3$
 c) $9 \div 3$ ○ 3×6 f) 0×3 ○ $3 \div 3$

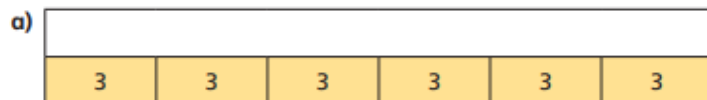
When you have finished, go to Topmarks - Hit the Button or Sumdog and practise your 3 and 4 times tables. If you are doing well, try the 8 times table too.

- 6 Colour all the numbers in the 3 times-table.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

What two patterns do you notice?

- 7 Work out the missing values in each bar model.



- 8 Mo has 7 packets of 3 stickers.
Eva has 3 packets of 9 stickers.
Who has the greatest number of stickers? _____



- 9 a) Complete the multiplications.

Are the answers odd or even? Tick your answer.

	odd	even
$1 \times 3 = 3$	<input type="checkbox"/>	<input type="checkbox"/>
$2 \times 3 = \square$	<input type="checkbox"/>	<input type="checkbox"/>
$3 \times 3 = \square$	<input type="checkbox"/>	<input type="checkbox"/>
$\square \times 3 = 12$	<input type="checkbox"/>	<input type="checkbox"/>

- b) What would the next multiplication be?

$$\square \times 3 = \square$$

- c) What do you notice about the products?
d) Will the product of 11×3 be odd or even? _____

- 10 Use the fact that $12 \times 3 = 36$ to work out the calculations.

$$13 \times 3 = \square$$

$$3 \times 15 = \square$$

$$14 \times 3 = \square$$

$$24 \times 3 = \square$$

How did you work this out?

Did you find the answers in the same way as your partner?



