

Monday 25th January

Times table activities

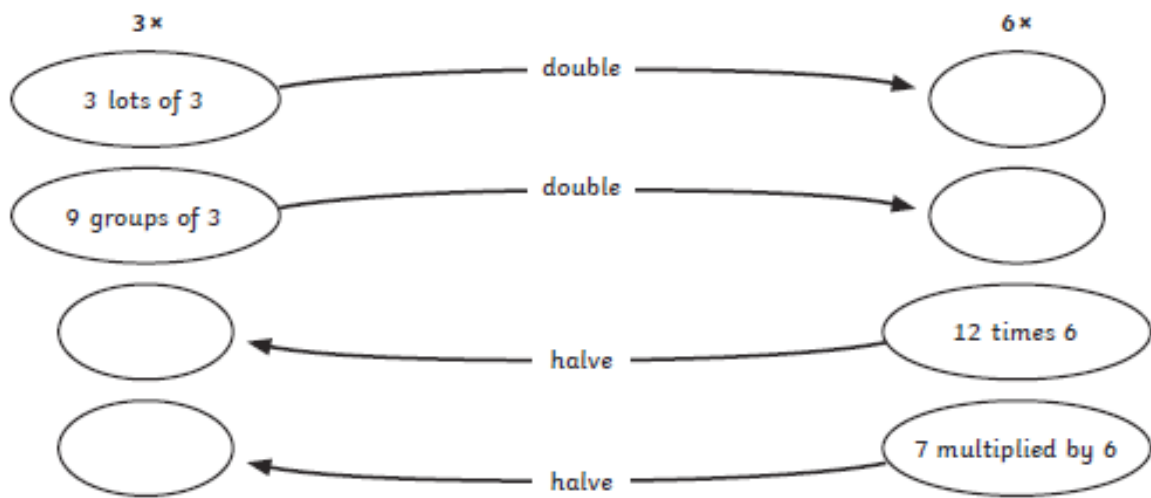
Practice your times tables using these activities.



6 times table and division facts

1.

Use doubling and halving to help calculate the missing multiples from the $3 \times$ and $6 \times$ tables.



2.

a) Fill in the missing boxes in each calculation.

b) Draw lines between the columns to connect each fact to another related fact. One has been done for you.

$5 \times 6 = \square$	$8 \times 60 = \square$	$\square \times \square = 4800$
$\square \times 6 = 48$	$60 \times \square = 300$	$3 \times 600 = \square$
$3 \times \square = 18$	$\square \times 60 = 180$	$5 \times \square = 3000$

Note: A line is drawn from the right side of the first box ($5 \times 6 = \square$) to the left side of the second box ($60 \times \square = 300$).

3.

Complete the calculations and explain which is the odd one out.

$480 \div 80 = \square$

$36 \div 6 = \square$

$\square \times 500 = 3000$

$6 \times \square = 18$

Multiply and divide by 9

1. Complete the sentences to describe the candies.



There are ____ lots of nine.

There are _____ nines.

$5 \times \underline{\quad} = \underline{\quad}$

At first there were ____ candies. Then they were shared into ____ rows. Now there are ____ candies in each row. $\underline{\quad} \div \underline{\quad} = \underline{\quad}$

2. There are ____ lots of ____.

$\underline{\quad} \times \underline{\quad} = \underline{\quad}$

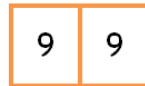
$\underline{\quad} \div \underline{\quad} = \underline{\quad}$



3. There are ____ lots of ____.

$\underline{\quad} \times \underline{\quad} = \underline{\quad}$

$\underline{\quad} \div \underline{\quad} = \underline{\quad}$



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There are ____ lots of nine.

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2. There are ____ lots of ____.

$\underline{\quad} \times \underline{\quad} = \underline{\quad}$

$\underline{\quad} \div \underline{\quad} = \underline{\quad}$



3. There are ____ lots of ____.

$\underline{\quad} \times \underline{\quad} = \underline{\quad}$

$\underline{\quad} \div \underline{\quad} = \underline{\quad}$



9 times table and division facts

1.

Count in steps of 9 to draw a pathway through the maze moving vertically, horizontally or diagonally.

Start	45	35	45	54	63	84	42	43	92
9	25	36	15	7	65	72	90	99	100
6	18	27	10	0	72	37	81	70	108
27	61	100	21	33	56	58	90	32	Finish

2.

Here are ten of the multiples of 9. Can you place them in order and identify which two multiples of 9 are missing?

45	72	27	90	18	99	36	81	9	54
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3. Solve these calculations.

$9 \times 5 = \square$

$9 \times 5 \times 10 = \square$

$9 \times 5 \times 100 = \square$

$45 \div 9 = \square$

$450 \div 90 = \square$

$4500 \div 900 = \square$

$9 \times 4 = \square$

$12 \times \square = 108$

$36 \div 9 = \square$

$108 \div 9 = \square$

$\square \times 9 = 360$

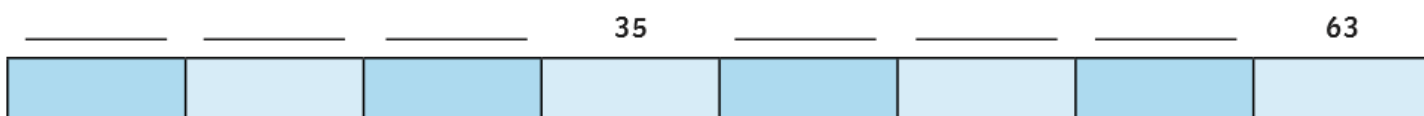
$1080 \div 90 = \square$

Multiply and divide by 7

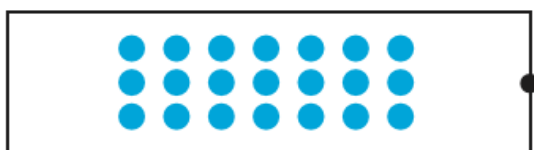
1) Circle the number in each of these grids that is the odd one out.

7	28	14	35	70	56
21	25	38	42	79	77

2) This representation shows part of a counting stick. Complete it with the missing multiples of 7.



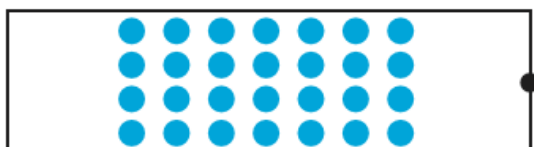
3) Match each calculation and array to the correct answer.



● 9

63 ÷ 7

● 5



● 2 × 7

35 ÷ 7

● 7 × 3



● 8

56 ÷ 7

● 4 × 7

7 times tables and division facts

1) Match each calculation to the correct answer.

80×7	•
60×70	•
30×7	•
7×200	•
800×7	•
70×10	•
70×70	•

•	4200
•	560
•	4900
•	5600
•	210
•	1400
•	700

2) Use your knowledge of the 7 times table to identify the missing number in each of these multiplication calculations.

$$\underline{\quad} \times 1 = 7$$

$$7 \times 6 = \underline{\quad}$$

$$7 \times \underline{\quad} = 56$$

$$7 \times \underline{\quad} = 70$$

$$\underline{\quad} \times 6 = 420$$

$$70 \times 8 = \underline{\quad}$$

$$7 \times 100 = \underline{\quad}$$

$$700 \times 6 = \underline{\quad}$$

$$7 \times \underline{\quad} = 5600$$

3) Using your answers above, find the missing numbers in these related division calculations.

$$7 \div \underline{\quad} = 7$$

$$42 \div \underline{\quad} = 7$$

$$\underline{\quad} \div 7 = 8$$

$$\underline{\quad} \div 10 = 7$$

$$\underline{\quad} \div 6 = 70$$

$$560 \div \underline{\quad} = 80$$

$$700 \div \underline{\quad} = 7$$

$$4200 \div 6 = \underline{\quad}$$

$$\underline{\quad} \div 7 = 800$$

11 and 12 times tables

1. Using facts from the 12 times table, write related number sentences for the diagram shown below.

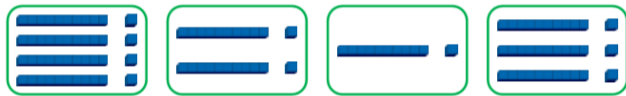
$\square \times \square = \square$
 $\square \times \square = \square$
 $\square \div \square = \square$
 $\square \div \square = \square$

2. Using facts from the 11 times table, write related number sentences for the diagram shown below.

$\square \times \square = \square$
 $\square \times \square = \square$
 $\square \div \square = \square$
 $\square \div \square = \square$

3. Kristian is making dinner for 11 guests. His roast chicken recipe is shown below.

To serve <u>one</u> person, I need:
4 chicken thighs
2 tbsp of honey
1 tbsp of chopped parsley
1 tbsp of olive oil
3 oranges



Using Base 10, work out how many chicken thighs he would need to buy.

4. Tamara is making dinner for 12 guests. Her lamb recipe is shown below.

To serve <u>one</u> person, I need:
5 tbsp of olive oil
4 garlic cloves
3 lamb steaks
4 large tomatoes
1 aubergine



Using Base 10, work out how many lamb steaks she would need to buy.

5. Write related number sentences below using facts from the 11 times table.

A. $\square \div \square = \square$

B. $\square \times \square = \square$

C. $99 \div \square = \square$

D. $\square \times \square = \square$

6. Write related number sentences below using facts from the 12 times table.

A. $\square \div \square = \square$

B. $\square \times \square = 108$

C. $\square \div \square = \square$

D. $\square \times \square = \square$