

and Division of the second statement of the second sta

Workbook



Programme of Study – Multiplication and Division

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Word Search 4 Times Table

Answer the calculations below and find the answers in the word search:

4 x 3 =	4 x 8 =
4 x 4 =	4 x 10 =
4 x 11 =	4 x 2 =

f	t	h	i	r	t	y	t	w	ο
t	0	h	f	0	r	t	y	w	0
w	t	r	S	i	x	е	е	t	е
е	w	r	t	е	S	е	S	h	i
l	S	е	l	y	n	l	h	i	g
v	k	i	е	t	f	е	е	r	h
е	a	е	y	е	a	0	t	t	t
f	0	r	t	е	0	0	u	y	е
0	n	n	е	е	t	h	g	r	е
S	i	x	t	е	е	n	b	n	n



Word Search 3 Times Table

Answer the calculations below and find the answers in the word search:

3 x 3 =	3 x 6 =
3 x 4 =	3 x 2 =
3 x 10 =	3 x 7 =

е	t	h	i	r	t	y	n	е	l
t	n	h	x	t	t	е	r	t	0
w	i	u	е	d	b	i	w	n	е
е	n	r	w	е	S	е	е	0	S
l	е	е	l	р	n	е	h	u	i
v	k	е	е	t	t	i	е	r	x
е	a	е	y	h	a	u	t	n	е
m	ą	0	g	е	0	0	k	i	е
0	n	i	е	е	t	h	g	n	е
е	е	d	j	р	z	0	b	n	n



Word Search 8 Times Table

Answer the calculations below and find the answers in the word search:

5 x 8 =	4 x 8 =
8 x 7 =	8 x 10 =
8 x 3 =	8 x 2 =

t	0	е	v	е	n	е	y	i	е
h	w	h	t	w	е	i	v	е	f
i	t	е	е	d	b	g	n	0	i
r	y	е	n	е	S	h	r	h	f
t	t	е	е	t	y	t	е	i	t
y	r	i	r	t	y	y	е	r	y
t	i	y	t	r	0	f	t	t	S
w	h	е	W	u	0	u	0	y	i
0	t	0	0	е	t	е	0	u	x
е	S	i	x	t	е	е	n	n	r



Take the number in the circle below and divide the numbers outside of the track by it. Write your answers as you go and see how long it takes you to finish the race!





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Take the number in the circle below and divide the numbers outside of the track by it. Write your answers as you go and see how long it takes you to finish the race!





Find the 2x table by doubling each number. Find the 4x table by doubling the 2x table. Find the 8 times table by doubling the 4x table. Can you complete the whole sheet?

Number	x2	x4	x8
2	4	8	16
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
15			
20			
50			
100			





Multiplication Triangles Sheet 1

Fill in the blanks in these multiplication triangles.







Multiplication Triangles Sheet 2

Fill in the blanks in these multiplication triangles.







Try using these mental calculation strategies to see how many of these calculations you can perform mentally.

×4	×5	×8
Double the number and then double it again. e.g. 13 × 4 = 52 (13 × 2 = 26, 26 × 2 = 52)	Times the number by 10 and then halve it. e.g. 14 × 5 = 70 (14 × 10 = 140, 140 ÷ 2 = 70)	Double the number, double it again and then double it a third time. e.g. 13 × 8 = 104 (13 × 2 = 26, 26 × 2 = 52, 52 × 2 = 104)
x9	x11	x15
Multiply the number by 10 and then subtract the number. e.g. 15 x 9 = 135 (15 x 10 = 150, 150 - 15 = 135)	Multiply the number by 10 and then add the number. e.g. 7 x 11 = 77 (7 x 10 = 70, 7 + 7 =77)	Multiply the number by 10 and thena add half of the total. e.g. 12 × 15 = 180 (12 × 10 = 120, 120 ÷ 2 = 60, 60 + 120 = 180)
1 14 × 4 =	12 x 15 =	
2 13 x 5 =	13 15 × 4 =	
3 6 x 8 =	❹ 20 × 5 =	
4 8 × 9 =	1 5 x 8 =	
5 9 x 11 =	16 12 x 9 =	
6 6 x 15 =	13 × 11 = 13 × 11 =	
7 15 x 4 =	18 8 x 15 =	
8 9 x 5 =	19 4 x 8 =	
9 12 x 8 =	20 9 x 15 =	
13 x 9 =		
10 x 11 =	22 14 x 8 =	





	X	10	3		X	70	1
	9				5		
3	x	50	6	•	x	20	3
	5				3		
						<u></u>	
5	x	80	9	6	×	60	3
	9				7		
7	x	70	5	8	x	10	3
	7				5		
9	×	20	8	10	×	50	3
	9				8		





New Bus Stop Method Formal Division of 2-digit Numbers

LO: I can use a formal method of division.

1	69 ÷ 3 =	16	80 ÷ 4 =
2	88 ÷ 4 =	17	95 ÷ 5 =
3	90 ÷ 5 =	18	92 ÷ 4 =
4	76 ÷ 4 =	19	46 ÷ 2 =
5	72 ÷ 3 =	20	78 ÷ 6 =
6	70 ÷ 5 =	21	92 ÷ 4 =
7	24 ÷ 2 =	22	84 ÷ 4 =
8	56 ÷ 4 =	23	72 ÷ 3 =
9	36 ÷ 3 =	24	70 ÷ 7 =
10	65 ÷ 5 =	25	88 ÷ 4 =
1	96 ÷ 4 =	26	80 ÷ 5 =
12	90 ÷ 6 =	27	98 ÷ 7 =
13	96 ÷ 8 =	28	66 ÷ 3 =
14	96 ÷ 6 =	29	84 ÷ 4 =
15	88 ÷ 8 =	30	91 ÷ 7 =







Division using a Numberline











I'm Thinking of a Number

Use the inverse operation to work backwards and find the original number.

Example:



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Deriving Related Multiplication Facts From Known Multiplication Tables

Complete the times tables question on the small lorries then use the answers to complete the associated facts on the big lorries!



















Multiplication Missing Numbers







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Division Missing Numbers























1 There are three biscuits in a packet. How many are there in seven packets?



2 There are six stickers in a pack, how many packs do you need to buy to have 30 stickers?



I have eight 5p coins in my money box. How much money do I have?



Joe builds a tower which is five bricks tall. Gina builds one four times as high. How many bricks does Gina use?



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5 There are six eggs in a box - how man boxes are needed to make 48 eggs?



O Danyal has a 5p coin, a 2p coin and a 1p coin. Dylan has three times as much. How much does Dylan have?



Lisa has four cubes. Ned has double the number of cubes Lisa has. Mina has double the number of cubes that Ned has. How many cubes does everyone have?



8 A lizard is four centimetres long. A snake is nine times as long. How long is the snake?





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Can you colour all the lines of three number squares that make a division equation? The line can be in any order but squares must be beside eachother in a column or in a row. Squares can be part of more than one equation.

2

The example is $15 \div 3 = 5$ is shown below.

15	6	8	60	5	12	1	12
5	1	5	7	16	4	23	12
3	21	4	9	7	3	1	1
8	3	20	10	2	17	16	1
4	1	1	5	3	16	2	8
32	18	9	2	2	4	7	2
25	3	15	3	4	4	4	16
18	6	1	6	9	13	9	14

88	10	31	1	41	21	6	27
8	25	23	4	4	7	9	9
11	1	11	9	21	3	9	3
3	15	5	2	10	12	14	24
33	3	55	3	4	4	16	8
4	44	11	2	40	8	5	15
7	8	13	2	5	2	10	20
28	4	7	8	8	4	2	2

3

24	12	2	1	3	7	14	35
21	17	4	9	8	10	2	5
19	20	8	4	32	2	7	7
6	10	2	20	11	5	5	25
5	5	4	5	15	3	1	3
4	2	3	6	2	36	5	2
4	18	9	10	13	12	2	6
16	16	3	27	9	14	12	15

4

14	18	20	2	10	2	15	6
7	17	4	9	8	4	32	23
2	10	5	22	80	14	8	16
11	9	3	9	28	7	4	10
7	90	15	13	8	35	19	24
25	4	2	15	3	5	6	30
21	12	4	5	12	20	20	10
48	6	8	12	4	4	16	3



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