

PRODUCT SEARCH



27	1	15	2	6	6	1	1
36	18	30	11	2	4	5	2
2	5	10	4	12	2	2	10
20	7	4	2	2	2	3	9
12	1	35	2	5	10	3	10
5	40	2	9	1	3	3	4
16	3	20	4	8	5	2	12
1	6	2	2	2	11	6	3

Find pairs of numbers in the grid (horizontally, vertically or diagonally) that multiply together to make any of the following products:

12 16 20 27
30 35 36 40

Make a list of the pairs you find.

Find groups of 3 numbers (horizontally, vertically or diagonally) that have a product from the list above. Write out the groups you find as number sentences e.g., $2 \times 3 \times 2 = 12$.

Find groups of 4 numbers in the grid that multiply together to make the following products: 12 16 20 30 36 40

Write out the groups you find as number sentences.

MULTIPLICATION GRIDS

In the multiplication grids below, multiply the numbers in the **first row** by the numbers in the **first column** and write the answers in the squares where the rows and columns meet - as shown by the arrows in the first grid.

X	3	5	4
1	3		
3		15	
2			8

In the left grid, the answers provided come from:
 $1 \times 3 = 3$
 $3 \times 5 = 15$
 $2 \times 4 = 8$
 The grid on the right is a copy of the left hand grid for you to fill in.



X	3	5	4
1	3		
3		15	
2			8

Fill in the following multiplication grids:

X	5	2	0
4			
2			
0			

X	3	1	
5			
2			8
	9		

X		2	
4	16		
		6	
	20		25



NUMBER SENTENCE SEARCH



4	x	8	=	32	x	3	=
x	5	x	8	=	40	÷	50
12	÷	3	x	4	=	27	=
=	16	=	4	x	4	÷	5
48	÷	4	=	12	x	3	x
x	2	x	5	=	10	=	9
18	=	6	x	3	x	9	=
=	8	÷	4	=	2	x	45

$2 \times 2 = 4$ is an example of a number sentence. There are many hidden number sentences in this grid but not all of them are correct!

Find the correct number sentences (horizontally or vertically) and draw around the ones that you find.

$2 \times 2 = 1 \times 4$ is another example of a number sentence. Draw around the number sentence that is like this in the grid.

NUMBER SENTENCE GRIDS

The grids below contain horizontal and vertical number sentences. Complete each grid by filling in the empty squares so that every number sentence is correct.

3	x	4	=	
x		x		x
3	x	1	=	
=		=		=
	x		=	

Fill in all the grids so that each vertical and horizontal number sentence is correct. The grids get trickier and you will need to fill in some missing symbols (x or ÷) in the last grid.



	x	4	=	8
x		÷		x
6	÷		=	
=		=		=
	x	2	=	

30	÷		=	
÷		x		x
	÷	2	=	
=		=		=
3	x		=	30

4		2	=	8
		÷		x
	x		=	4
=		=		=
16			=	



PRODUCT SEARCH



8	9	3	4	3	10	11	3
2	2	6	2	2	4	4	2
2	5	3	8	12	2	2	2
2	3	11	2	2	5	7	2
2	7	4	2	5	11	12	5
9	9	2	2	8	2	7	3
12	10	10	7	8	11	2	4
3	3	2	2	4	6	7	5

Find pairs of numbers in the grid (horizontally, vertically or diagonally) that multiply together to make any of the following products:

16 18 20 24 32 36
40 48 56 64 72

Make a list of the pairs you find.

Find groups of 3 numbers (horizontally, vertically or diagonally) that have a product from the list above. Write out the groups you find as number sentences e.g., $2 \times 3 \times 2 = 12$.

Find groups of 4 numbers in the grid that multiply together to make any of the following products:

16 24 32 36 40
48 56 64 72

Write out the groups you find as number sentences.

Find a group of 5 numbers in the grid that multiply together to make 64.

MULTIPLICATION GRIDS

In the multiplication grids below, multiply the numbers in the **first row** by the numbers in the **first column** and write the answers in the squares where the rows and columns meet - as shown by the arrows in the first grid.

X	3	2	4
1	3		
4		8	
3			12

In the left grid, the answers provided come from:
 $1 \times 3 = 3$
 $4 \times 2 = 8$
 $3 \times 4 = 12$
 The grid on the right is a copy of the left hand grid for you to fill in.



X	3	2	4
1	3		
4		8	
3			12

Fill in the following multiplication grids:

X	5	2	8
4			
3			
5			

X	8	3	
5			
2			8
	32		

X		8	
4	20		
		16	
	40		24



NUMBER SENTENCE SEARCH



9	x	5	=	45	x	5	=
x	6	x	4	=	3	x	8
3	x	7	=	21	x	12	x
=	12	=	3	x	3	=	9
27	=	35	x	2	=	60	=
x	4	x	7	=	28	x	72
5	x	5	=	25	x	3	=
=	3	x	14	=	7	x	2

$2 \times 2 = 4$ is an example of a number sentence. There are many hidden number sentences in this grid but not all of them are correct!

Find the correct number sentences (horizontally or vertically) and draw around the ones that you find.

$2 \times 2 = 1 \times 4$ is another example of a number sentence. Draw around the number sentence that is like this in the grid.

NUMBER SENTENCE GRIDS

The grids below contain horizontal and vertical number sentences. Complete each grid by filling in the empty squares so that every number sentence is correct.

3	x	6	=	
x		÷		÷
1	x	2	=	
=		=		=
	x		=	

Fill in all the grids so that each vertical and horizontal number sentence is correct. The grids get trickier and you will need to fill in some missing symbols (x or ÷) in the last grid.



	x	9	=	36
x		÷		÷
1	x		=	
=		=		=
	x	3	=	

3	x		=	
x		÷		÷
	x	5	=	
=		=		=
3	x		=	6

4		3	=	12
		x		x
	x		=	4
=		=		=
8			=	

