

Multiplication puzzles

The Busy Lizzie Maths Library

Instructions

In this document, you will find 10 multiplication puzzles and their answers.

Can you fill in all the missing numbers in the multiplication squares?

Across the top and down the left hand side of the square, you may use the numbers 2, 3, 4, 5, 6, 7, 8 and 9 only once.

1

x	7		6	2
3			18	
9		72		
5				10
4	28			

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1

solution

x	7	8	6	2
3	21	24	18	6
9	63	72	54	18
5	35	40	30	10
4	28	32	24	8

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2

x	4	7	2	9
8				
3				
	24			
5				

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2

solution

x	4	7	2	9
8	32	56	16	72
3	12	21	6	27
6	24	42	12	54
5	20	35	10	45

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3

x	5		2	3
4				
		48		24
7				
9				

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3

solution

x	5	6	2	3
4	20	24	8	12
8	40	48	16	24
7	35	42	14	21
9	45	54	18	27

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4

x	9	5		4
2				
			21	
6				
8			56	

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4

solution

x	9	5	7	4
2	18	10	14	8
3	27	15	21	12
6	54	30	42	24
8	72	40	56	32

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5

x	3		9	
8				
		28		35
2				
6				

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5

solution

x	3	4	9	5
8	24	32	72	40
7	21	28	63	35
2	6	8	18	10
6	18	24	54	30

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6

x	3	7		5
6				
			16	
4				
			72	

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6

solution

x	3	7	8	5
6	18	42	48	30
2	6	14	16	10
4	12	28	32	20
9	27	63	72	45

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7

x	7			5
8				
		36	12	
		54		
2				

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7

solution

x	7	9	3	5
8	56	72	24	40
4	28	36	12	20
6	42	54	18	30
2	14	18	6	10

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8

x		4	5	
	14			42
9				
3				
				48

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8

solution

x	2	4	5	6
7	14	28	35	42
9	18	36	45	54
3	6	12	15	18
8	16	32	40	48

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9

x	4			
		14		42
8				
			45	30

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9

solution

x	4	2	9	6
7	28	14	63	42
8	32	16	72	48
5	20	10	45	30
3	12	6	27	18

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10

x			2	
		30		
	12			36
		40		
7				

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10

solution

x	3	5	2	9
6	18	30	12	54
4	12	20	8	36
8	24	40	16	72
7	21	35	14	63

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