

Multiplication number squares

Written by Liz Gibbs 2019

The Busy Lizzie Maths Library

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Multiplication number squares (set 1)

On the next 20 slides you will find 10 multiplication number squares for young children to solve. Before you start, you will need to print off the black line masters for your children. This has not been designed as a pencil and paper task, so please give each child a set of 1 – 12 digit cards or numbered counters to choose from and move around. Encourage the children to explain how they solved the multiplication number square.

Possible uses...

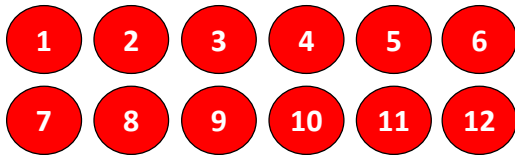
- Have ready one or two squares for children to solve as they arrive in the morning. Encourage the children to complete the squares while the morning register is being taken.
- Depending on the age and ability of your children, you may wish to show a square in the daily mathematics meeting. Ask the children to write the answers, one number in each corner of their white board.
- Use in the main part of the lesson.
- Send one or two puzzles home as a homework task.

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1

Multiplication number square

You will need the following counters and a paper copy of this puzzle (or quickly sketch it onto some paper).



Use four counters to solve this puzzle.

	x		= 24
x		x	
	x		= 14
=		=	
56		6	

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1

Multiplication number square

solution

8	x	3	= 24
x		x	
7	x	2	= 14
=		=	
56		6	

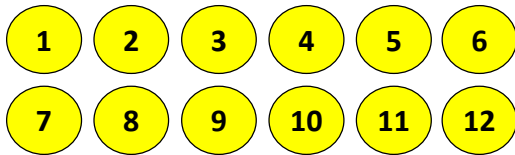
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3

Multiplication number square

You will need the following counters and a paper copy of this puzzle (or quickly sketch it onto some paper).



Use four counters to solve this puzzle.

	x		= 12
x		x	
	x		= 54
=		=	
18		36	

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3

Multiplication number square

solution

3	x	4	= 12
x		x	
6	x	9	= 54
=		=	
18		36	

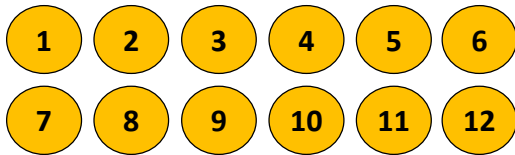
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4

Multiplication number square

You will need the following counters and a paper copy of this puzzle (or quickly sketch it onto some paper).



Use four counters to solve this puzzle.

	x		= 45
x		x	
	x		= 66
=		=	
55		54	

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Multiplication number square

solution

5	x	9	= 45
x		x	
11	x	6	= 66
=		=	
55		54	

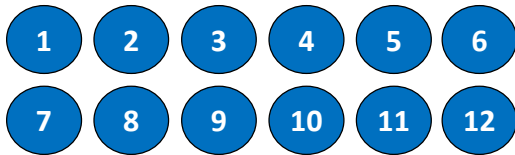
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Multiplication number square

You will need the following counters and a paper copy of this puzzle (or quickly sketch it onto some paper).



Use four counters to solve this puzzle.

	x		= 72
x		x	
	x		= 27
=		=	
36		54	

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Multiplication number square

solution

12	x	6	= 72
x		x	
3	x	9	= 27
=		=	
36		54	

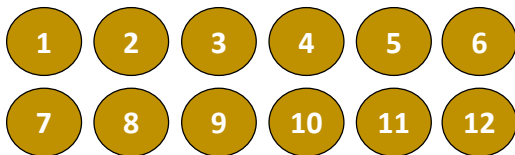
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Multiplication number square

You will need the following counters and a paper copy of this puzzle (or quickly sketch it onto some paper).



Use four counters to solve this puzzle.

	x		= 12
x		x	
	x		= 80
=		=	
60		16	

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Multiplication number square

solution

6	x	2	= 12
x		x	
10	x	8	= 80
=		=	
60		16	

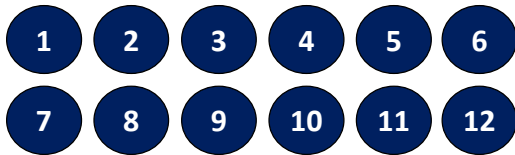
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Multiplication number square

You will need the following counters and a paper copy of this puzzle (or quickly sketch it onto some paper).



Use four counters to solve this puzzle.

	x		= 88
x		x	
	x		= 108
=		=	
72		132	

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Multiplication number square

solution

8	x	11	= 88
x		x	
9	x	12	= 108
=		=	
72		132	

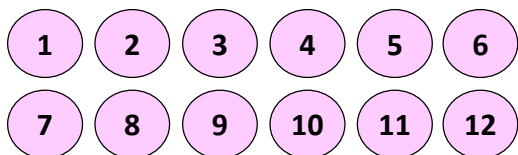
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Multiplication number square

You will need the following counters and a paper copy of this puzzle (or quickly sketch it onto some paper).



Use four counters to solve this puzzle.

	x		= 18
x		x	
	x		= 28
=		=	
8		63	

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Multiplication number square

solution

2	x	9	= 18
x		x	
4	x	7	= 28
=		=	
8		63	

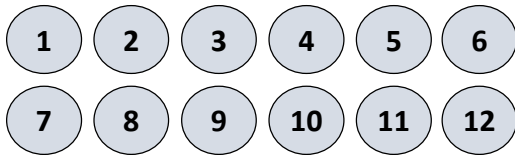
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Multiplication number square

You will need the following counters and a paper copy of this puzzle (or quickly sketch it onto some paper).



Use four counters to solve this puzzle.

	x		= 70
x		x	
	x		= 99
=		=	
110		63	

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Multiplication number square

solution

10	x	7	= 70
x		x	
11	x	9	= 99
=		=	
110		63	

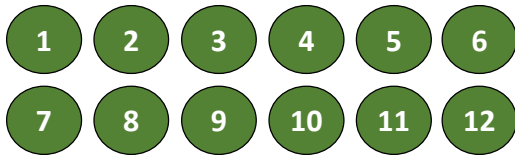
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Multiplication number square

You will need the following counters and a paper copy of this puzzle (or quickly sketch it onto some paper).



Use four counters to solve this puzzle.

	x		= 72
x		x	
	x		= 30
=		=	
45		48	

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Multiplication number square

solution

9	x	8	= 72
x		x	
5	x	6	= 30
=		=	
45		48	

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