

# Discussion Problems

## 12 Times-table and Division Facts

### National Curriculum Objectives:

Mathematics Year 4: (4C6a) [Recall multiplication division facts for multiplication tables up to  \$12 \times 12\$](#)

### About this resource:

This resource has been designed for pupils who understand the concepts within this step. It provides pupils with more opportunities to enhance their reasoning and problem-solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.





























There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More [Year 4 Multiplication and Division](#) resources.

# The 12 Times-table and Division Facts










Each shape below is equal to one digit.

1.  x   =  
2.   ÷  =  
3.  x   =  
4.    ÷   =  
5.  x   =   

Which digit between 0 and 9 is missing?

Write a multiplication fact with this digit using the 12 times-table.





























Investigate the value of each shape by solving the calculations in the 12 times-table.

	=		=		=		=		=
	=		=		=		=		

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# The 12 Times-table and Division Facts

Each shape below is equal to one digit.










1.  x   =  
2.   ÷  =  
3.  x   =  
4.    ÷   =  
5.  x   =   

Which digit between 0 and 9 is missing?

The missing digit is 7.  
Write a multiplication fact with this digit using the 12 times table.

Various answers for example:  
 $72 \div 12 = 6$

Investigate the value of each shape by solving the calculations in the 12 times-table.

 = 8	 = 0	 = 3	 = 1	 = 6
 = 2	 = 5	 = 9	 = 4	

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