

# Discussion Problems

## Step 4: The 3 Times Table

Teaching note: For Q1 and Q2, an A3 copy on card and scissors may be necessary.

### National Curriculum Objectives:

Mathematics Year 3: (3C6) [Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables](#)

### 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.

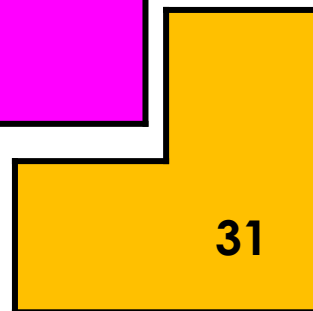
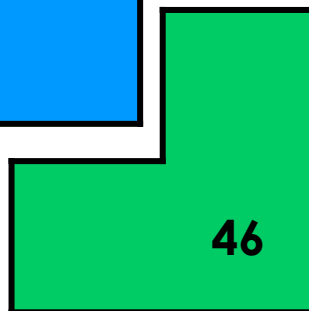
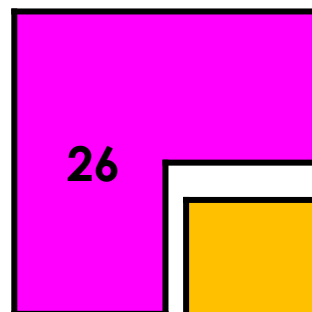
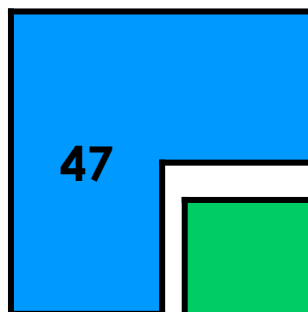
More [Year 3 Multiplication and Division](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

# The 3 Times Table

1. The grid displays different calculations from the 3 times tables. The sum of three different calculations will equal one of the numbers on the shapes.

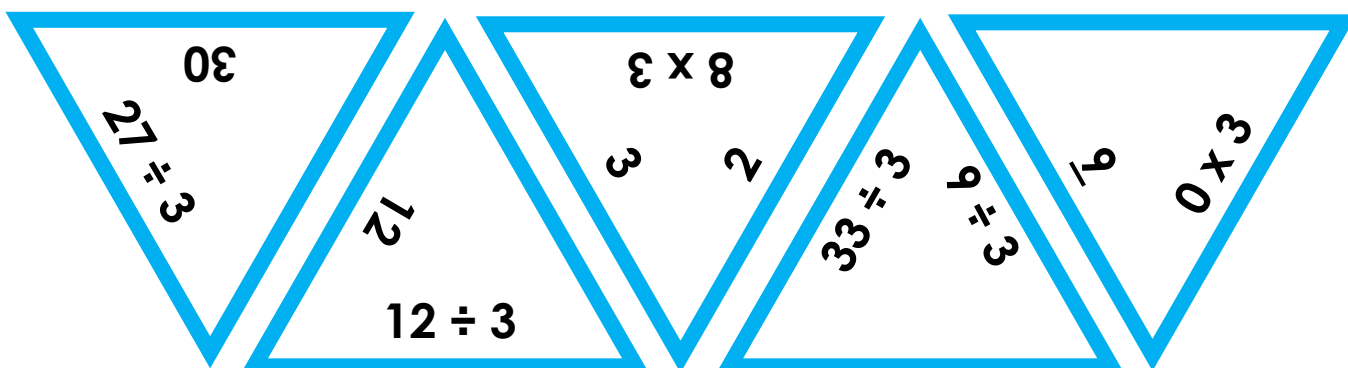
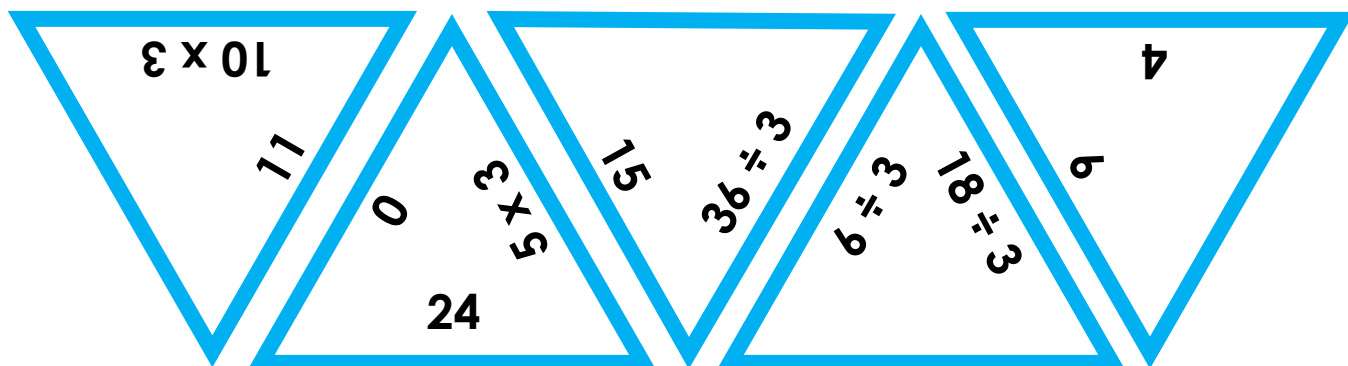
$3 \times 5$	$21 \div 3$	$15 \div 3$	$0 \times 3$
$3 \times 3$	$3 \times 8$	$3 \times 7$	$3 \div 3$
$36 \div 3$	$33 \div 3$	$3 \times 9$	$3 \times 6$



Investigate how the shapes can be arranged on the grid by using your knowledge of the 3 times table and addition.

DP

2. Match the calculations to the correct answer.

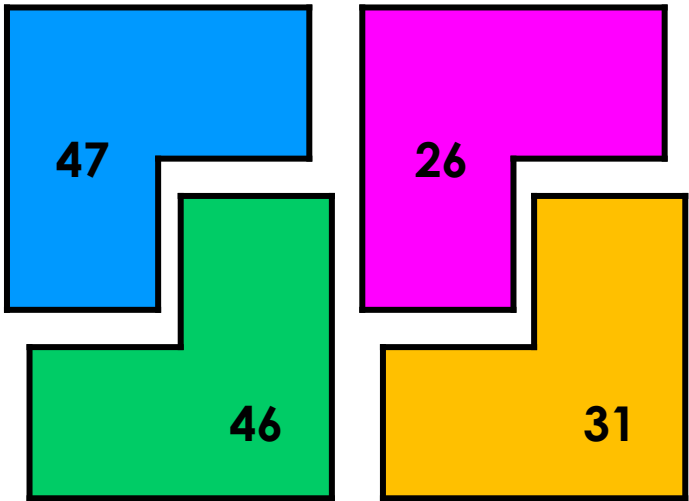


DP

# The 3 Times Table

1. The grid displays different calculations from the 3 times tables. The sum of three different calculations will equal one of the numbers on the shapes.

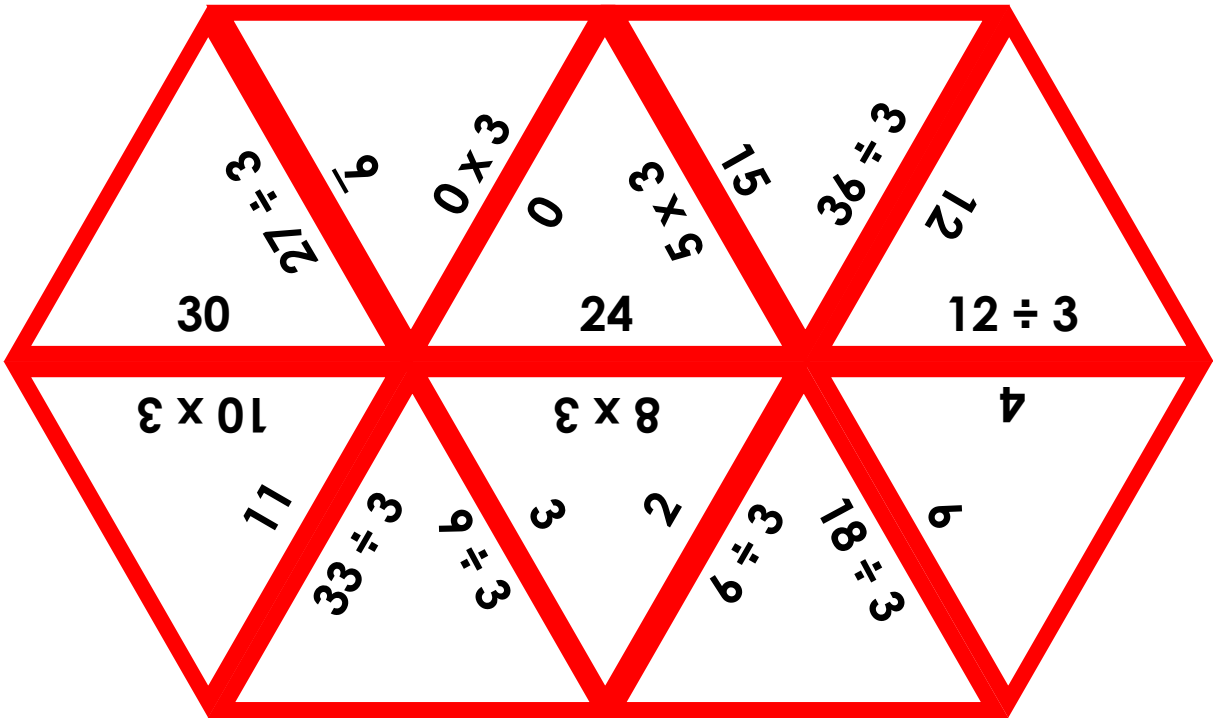
$3 \times 5$ $= 15$	$21 \div 3$ $= 7$	$15 \div 3$ $= 5$	$0 \times 3$ $= 0$
$3 \times 3$ $= 9$	$3 \times 8$ $= 24$	$3 \times 7$ $= 21$	$3 \div 3$ $= 1$
$36 \div 3$ $= 12$	$33 \div 3$ $= 11$	$3 \times 9$ $= 27$	$3 \times 6$ $= 18$



Investigate how the shapes can be arranged on the grid by using your knowledge of the 3 times table and addition.

DP

2. Match the calculations to the correct answer.



DP