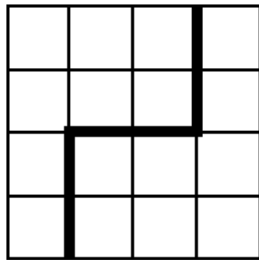


## Four by four

You need some squared paper.

This 4 by 4 grid is divided into two identical parts. Each part has the same area and the same shape.



Find five more ways of dividing the grid into two identical parts by drawing along the lines of the grid. Rotations and reflections do not count as different!

Explore ways of dividing a 4 by 4 grid into two parts with equal areas but different shapes.

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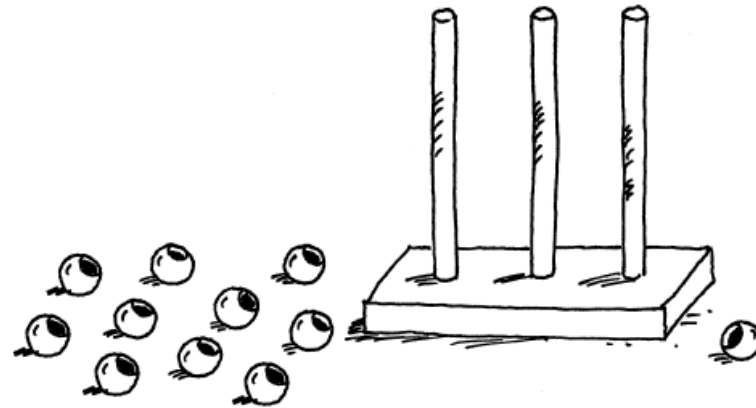
### Teaching objectives

Solve mathematical problems or puzzles.  
Visualise 2-D shapes.  
Find fractions of shapes.

## Three digits

Imagine you have 25 beads.

You have to make a three-digit number on an abacus.  
You must use all 25 beads for each number you make.



How many different three-digit numbers can you make?  
Write them in order.

### Teaching objectives

Solve mathematical problems or puzzles.  
Know what each digit represents.  
Order a set of whole numbers.

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