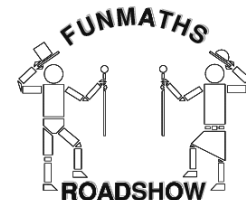


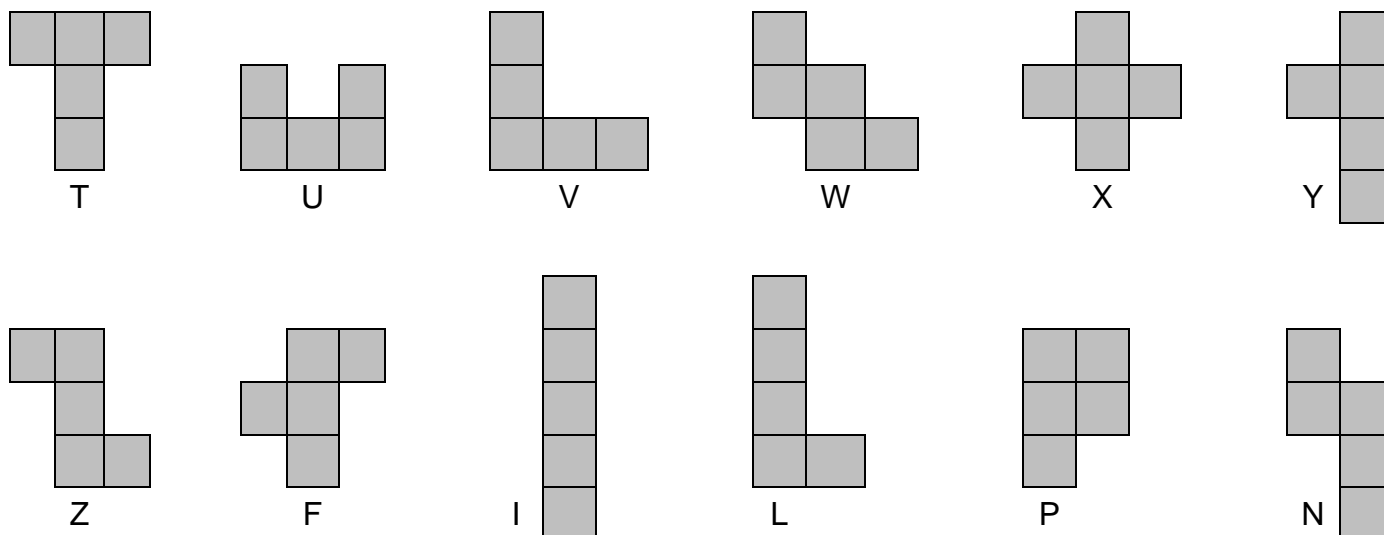
Pentominoes



Baseboard - none

Resources A template is provided which needs to be printed and cut out

When 5 squares are placed edge to edge with no gaps and no overlapping, a total of 12 different shapes can be made. These are shown below and are called **Pentominoes**.



The 12 Pentominoes are given to you on a template

Instructions Cut out the 12 pentominoes and assemble them to fit the new shapes listed below

These tasks are not as easy as you might think, and **some have more than one answer**.

Puzzle 1 Arrange the 5 pentominoes labelled T, F, Y, P and U into a **5 x 5 square**
You are allowed to turn pieces over.

Puzzle 2 Arrange the 5 pentominoes labelled V, Z, N, I and L into a **5 x 5 square**
You are allowed to turn pieces over.

Puzzle 3 Arrange the 12 pentominoes into the original **6 x 10 rectangle**

Puzzle 4 Arrange the 12 pentominoes into a **5 x 12 rectangle**

Puzzle 5 Arrange the 12 pentominoes into a **4 x 15 rectangle**

Puzzle 6 Arrange the 12 pentominoes into a **3 x 20 rectangle**

[Hints and Answers](#)