

Name: _____ Date: _____

Build the shape

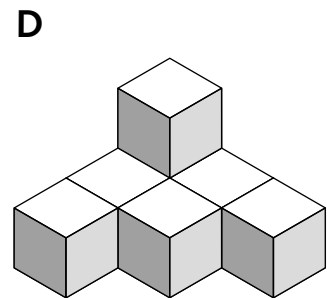
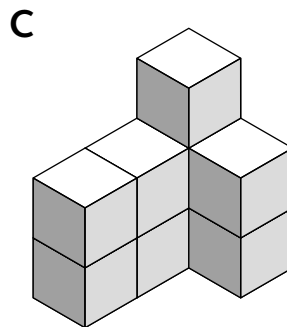
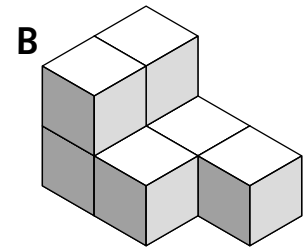
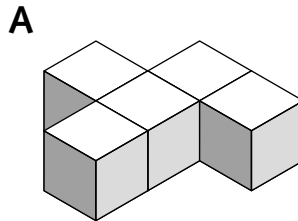
Build 3-D shapes from 2-D drawings



Challenges
1, 2, 3

Work out the least number of cubes you would need to make each shape into a cuboid.

Shape	Number of cubes needed
A	
B	
C	
D	



Challenges
2, 3

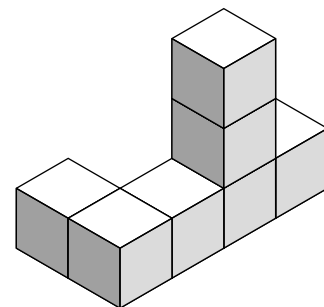
Work out the least number of cubes you would need to make each of the above shapes into a cube.

Shape	A	B	C	D
Number of cubes needed				

Challenge
3

Work out the least number of cubes you would need to make this shape into a cube.

Number of cubes needed:



Discuss the least number of cubes you would need to make the shape in Challenge 3 into a cuboid and then into a cube. Record your answers on the back of this sheet.