



Geometry

L4MG

11

G3 / G4

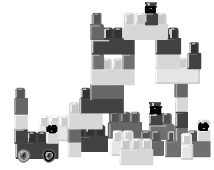
Please **DO NOT** write on the sheets

Please **DO NOT** write on the sheets

View diagrams and making models:

Kelly made a simple model out of Lego blocks and then drew a diagram of what the model looked like from the top, front, left, right and back.

Example:



Top	Front	Left side	Right side	Back

Note: = 4 pin blocks = 8 pin blocks = 8 pin blocks

Task 15

Look at the **top, front, left side, right side** and **back** view diagrams for the block structures drawn below. **Match** the view diagrams (1 to 5) with the block structure diagrams (A to E) in the box. **Create** each structure using blocks.

	Top	Front	Left side	Right side	Back
1.					
2.					
3.					
4.					
5.					

A

B

C

D

E

Task 16

Using the resource ...

'Geometry Level 4: 3-Dimensional Block Structures & Isometric / View Diagrams'
created by **AWS Teacher Resources**,

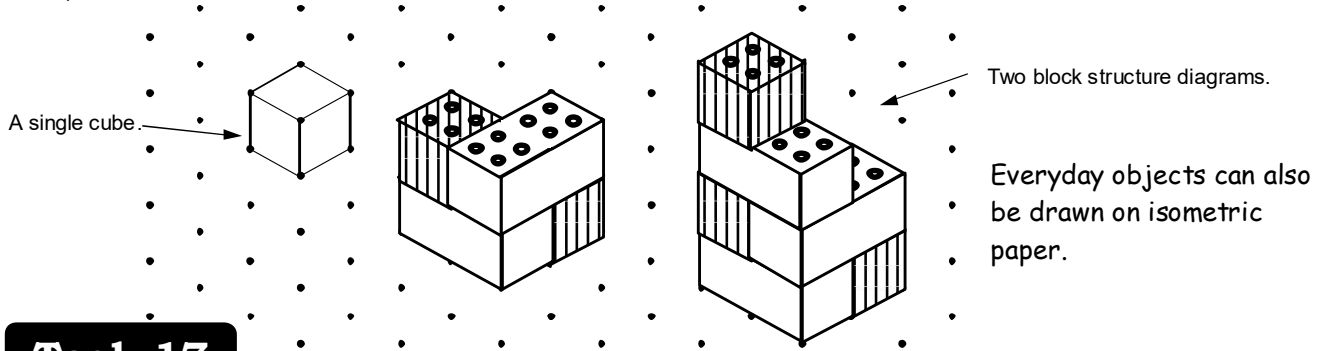
create more block structures given the **top, front, left side, right side** and **back** view diagrams.



Drawing on isometric paper:

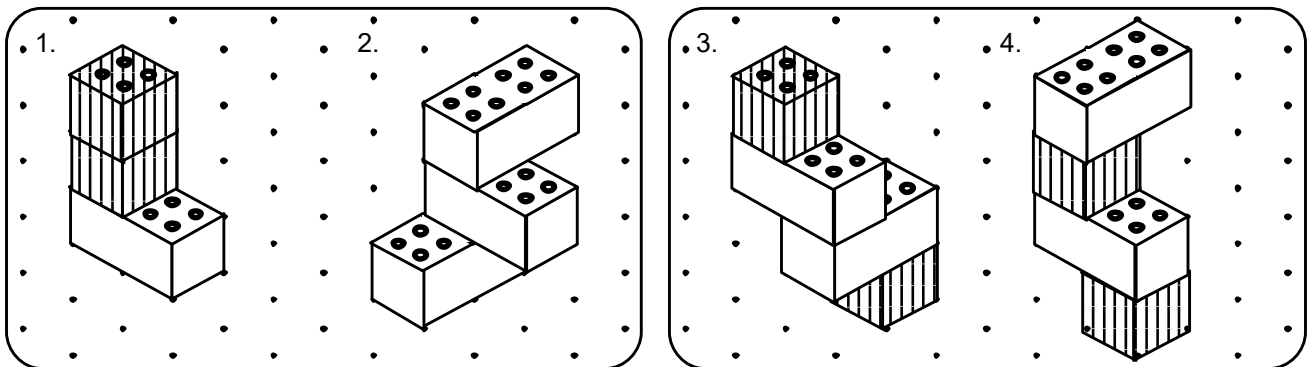
Isometric paper is special paper with dots on which 3D objects can be drawn and they look almost realistic.

Example:

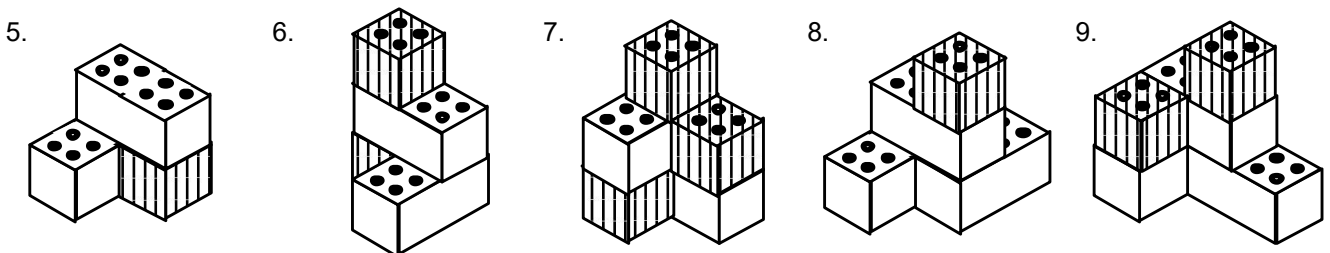


Task 17

Copy these block structures below on some 'Isometric paper'.



Redraw these block structures below on some 'Isometric paper'.



10. Using some Lego type blocks, **build** each of the block structures 5 to 9.
11. Draw the **top, front, left side, right side** and **back** view diagrams for each block structure 5 to 9.
12. Everyday objects can also be drawn on isometric paper. Look around your classroom for objects that you could draw on some isometric paper.



Task 18

Using the resource ...

'Geometry Level 4: 3-Dimensional Block Structures & Isometric / View Diagrams'

created by **AWS Teacher Resources**,

draw more block structures on **isometric paper** and view diagrams on specially prepared **squared paper**.