1 Dexter has made some 3D shapes using cubes.
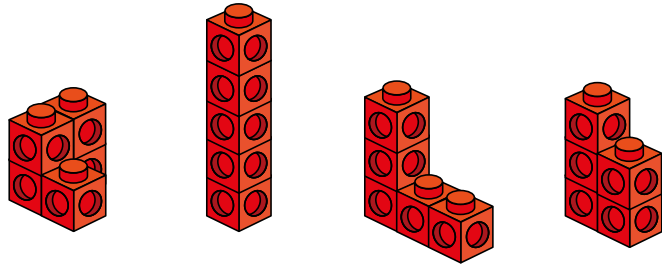
a) What is the same about the 3D shapes he has made?
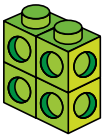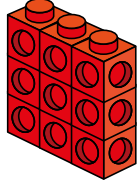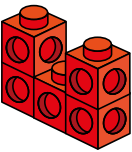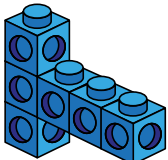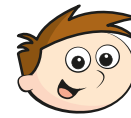   Compare answers with a partner.

b) What is different about the 3D shapes he has made?
   Compare answers with a partner.

c) What is the volume of each of Dexter's 3D shapes?
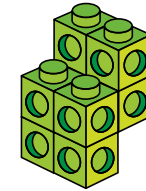
2 What is the volume of each 3D shape?

a)

b)

c)

d)

e)

f)

3

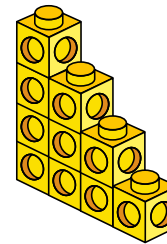The volume of this shape is 7 cubes.

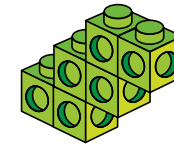Do you agree with Teddy?

Explain your answer.

4 Each cube has a volume of 1 cm³

What is the volume of each shape?

a)

b)

5 Three cuboids are drawn on isometric paper.

a) How many cubes are needed to make each cuboid?

b) If each cube has a side length of 1 cm, what is the volume of each cuboid?

3

The volume of this shape is 7 cubes.

Do you agree with Teddy?

Explain your answer.

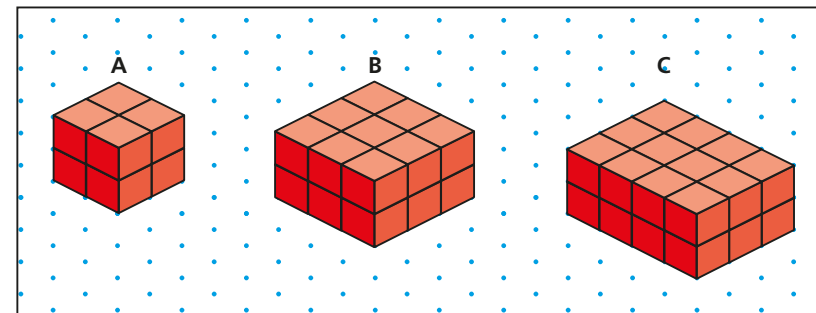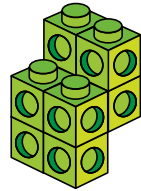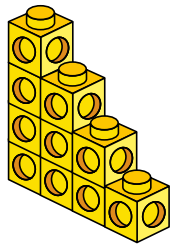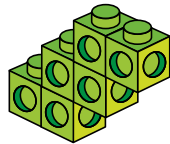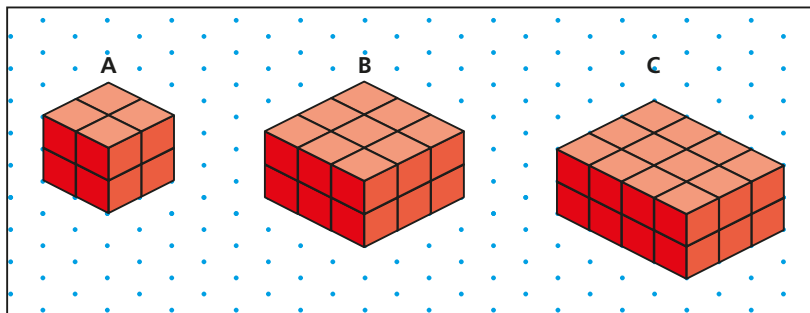**4** Each cube has a volume of 1 cm³

What is the volume of each shape?

a)

b)

5 Three cuboids are drawn on isometric paper.

A   B   C

a) How many cubes are needed to make each cuboid?

b) If each cube has a side length of 1 cm, what is the volume of each cuboid?