

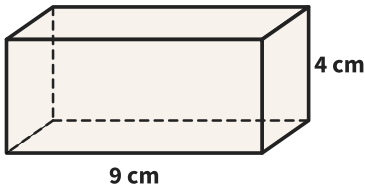
Surface Area of Cuboids



1



Both ends of this cuboid are squares.
Work out its surface area.



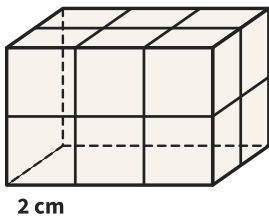
Not drawn accurately

Answer _____

2



Twelve cubes with edges of 2 cm are stacked to make this cuboid.
Work out the surface area of the cuboid.



Not drawn accurately

Answer _____

3



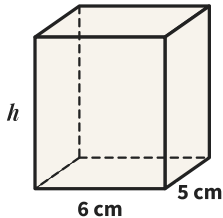
A cuboid has two square ends with sides of 5 cm. The total length of all twelve of its edges is 76 cm. Work out its surface area.

Answer _____

4



The surface area of this cuboid is 214 cm^2 . Work out its height h .



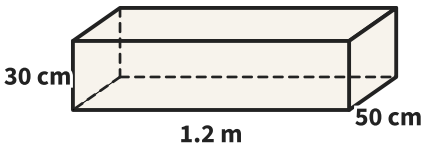
Not drawn accurately

Answer _____

5



A storage chest is a cuboid. Work out its surface area in cm^2 .



Not drawn accurately

Answer _____

6



A cuboid has a square base and is 5 cm tall. Its volume is 180 cm^3 .
Work out its surface area.

Answer _____

7



A block of modelling clay is a cuboid 2 cm by 4 cm by 8 cm. It is squashed into a cube with the same volume.
How much less surface area does the cube have?

Answer _____

8



A cube is cut into 8 equal smaller cubes. The total surface area of the 8 small cubes is 768 cm^2 . How long is an edge of the original cube?

Answer _____