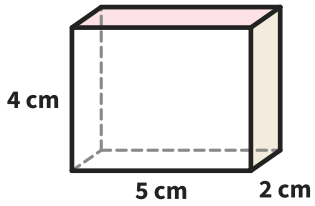
Surface Area of Cuboids

1

Work out the surface area of this cuboid.



Top and bottom

Front and back

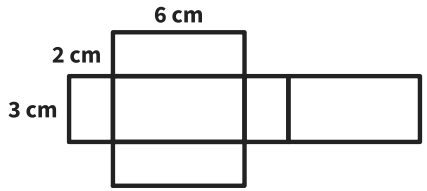
Two sides

Surface area = 2 × (top + front + side)

Answer

2

This is the net of a cuboid. Work out the surface area of the cuboid.



Top and bottom 6 × 2 = 12

Front and back

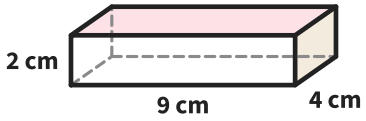
Two sides

Surface area = 2 × (top + front + side)

Answer

3

Work out the surface area of this cuboid.



Top and bottom

Front and back

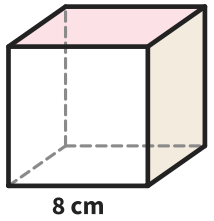
Two sides

Surface area = 2 × (top + front + side)

Answer

4

This is a cube. Every edge is 8 cm. Work out its surface area.



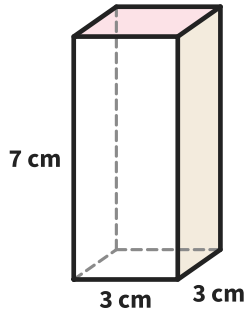
One face

Six faces

Answer

5

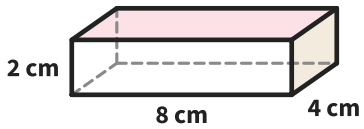
Work out the surface area of this cuboid.



Answer

6

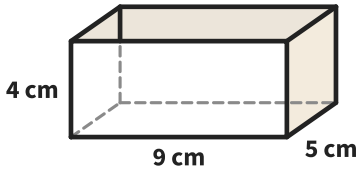
Ravi works out the surface area of this cuboid as $32 + 16 + 8 = 56\ cm^2$. Explain Ravi's mistake, then work out the surface area.



Answer

7

This box is a cuboid with no lid. Work out its surface area.



Answer

8

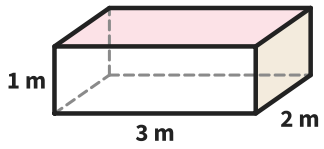
A storage tin is a cuboid 12 cm long, 10 cm wide and 5 cm high. Work out the surface area of the tin.

Answer

Surface Area of Cuboids *further practice*

9

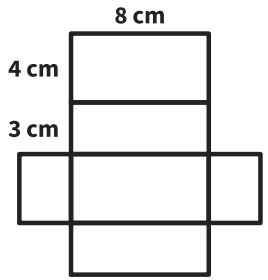
A wooden crate is a cuboid.
Work out its surface area.



Answer _____

10

This is the net of a cuboid. Work out the surface area of the cuboid.



Answer _____

11

A wooden building block is a cube with edges of 3 cm. Work out its surface area.

Answer _____

12

A plant tray is a cuboid with no lid.
It is 30 cm long, 20 cm wide and 6 cm high. Work out its surface area.

Answer _____

13

Cuboid A is 6 cm by 6 cm by 1 cm.
Cuboid B is 4 cm by 3 cm by 3 cm.
Which has the bigger surface area, and by how much?

Answer _____

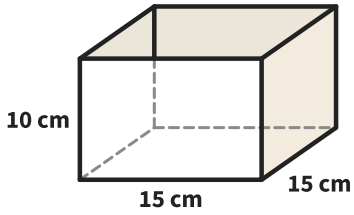
14

A cuboid is 10 cm long, 4 cm wide and 3 cm high. Mia says its surface area is $10 \times 4 \times 3 = 120\ cm^2$.
Explain Mia's mistake, then work out the surface area.

Answer _____

15

This box has a square base and no lid.
Work out its surface area.



Answer _____

16

A cuboid is 2 cm long, 3 cm wide and 4 cm high. Jo says that if the length doubles, the surface area doubles.
Is Jo right? Show how you know.

Answer _____