Solutions – 3D Pythagoras (A)

A cuboid has side lengths 18 cm, 7 cm and 18 cm. Find the distance between the opposite corners to one decimal place.
26.4 cm

A cuboid has side lengths 19 cm, 5 cm and 2 cm. Find the distance between the opposite corners to one decimal place.
19.7 cm

A cuboid has side lengths 20 cm, 20 cm and 10 cm. Find the distance between the opposite corners to one decimal place.
30.0 cm

A cuboid has side lengths 2 cm, 7 cm and 15 cm. Find the distance between the opposite corners to one decimal place.
16.7 cm

A cuboid has side lengths 4 cm, 17 cm and 10 cm. Find the distance between the opposite corners to one decimal place.
20.1 cm

Solutions – 3D Pythagoras (B)

A cuboid has side lengths 15 cm, 13 cm and 8 cm. Find the distance between the opposite corners to one decimal place.
21.4 cm

A cuboid has side lengths 5 cm, 4 cm and 2 cm. Find the distance between the opposite corners to one decimal place.
6.7 cm

A cuboid has side lengths 2 cm, 9 cm and 6 cm. Find the distance between the opposite corners to one decimal place.
11.0 cm

A cuboid has side lengths 2 cm, 2 cm and 13 cm. Find the distance between the opposite corners to one decimal place.
13.3 cm

A cuboid has side lengths 5 cm, 19 cm and 16 cm. Find the distance between the opposite corners to one decimal place.
25.3 cm

Solutions – 3D Pythagoras (C)

A cuboid has side lengths 9 cm, 16 cm and 5 cm. Find the distance between the opposite corners to one decimal place.
19.0 cm

A cuboid has side lengths 14 cm, 17 cm and 18 cm. Find the distance between the opposite corners to one decimal place.
28.4 cm

A cuboid has side lengths 18 cm, 17 cm and 3 cm. Find the distance between the opposite corners to one decimal place.
24.9 cm

A cuboid has side lengths 2 cm, 9 cm and 3 cm. Find the distance between the opposite corners to one decimal place.
9.7 cm

A cuboid has side lengths 6 cm, 16 cm and 9 cm. Find the distance between the opposite corners to one decimal place.
19.3 cm

Solutions – 3D Pythagoras (D)

A cuboid has side lengths 3 cm, 18 cm and 11 cm. Find the distance between the opposite corners to one decimal place.
21.3 cm

A cuboid has side lengths 19 cm, 12 cm and 19 cm. Find the distance between the opposite corners to one decimal place.
29.4 cm

A cuboid has side lengths 18 cm, 11 cm and 12 cm. Find the distance between the opposite corners to one decimal place.
24.3 cm

A cuboid has side lengths 8 cm, 14 cm and 17 cm. Find the distance between the opposite corners to one decimal place.
23.4 cm

A cuboid has side lengths 16 cm, 20 cm and 5 cm. Find the distance between the opposite corners to one decimal place.
26.1 cm

Solutions – 3D Pythagoras (E)

A cuboid has side lengths 19 cm, 7 cm and 14 cm. Find the distance between the opposite corners to one decimal place.
24.6 cm

A cuboid has side lengths 4 cm, 15 cm and 16 cm. Find the distance between the opposite corners to one decimal place.
22.3 cm

A cuboid has side lengths 11 cm, 2 cm and 10 cm. Find the distance between the opposite corners to one decimal place.
15.0 cm

A cuboid has side lengths 2 cm, 13 cm and 16 cm. Find the distance between the opposite corners to one decimal place.
20.7 cm

A cuboid has side lengths 18 cm, 18 cm and 9 cm. Find the distance between the opposite corners to one decimal place.
27.0 cm

Solutions – 3D Pythagoras (F)

A cuboid has side lengths 20 cm, 18 cm and 13 cm. Find the distance between the opposite corners to one decimal place.
29.9 cm

A cuboid has side lengths 4 cm, 2 cm and 15 cm. Find the distance between the opposite corners to one decimal place.
15.7 cm

A cuboid has side lengths 15 cm, 7 cm and 12 cm. Find the distance between the opposite corners to one decimal place.
20.4 cm

A cuboid has side lengths 17 cm, 6 cm and 18 cm. Find the distance between the opposite corners to one decimal place.
25.5 cm

A cuboid has side lengths 14 cm, 20 cm and 20 cm. Find the distance between the opposite corners to one decimal place.
31.6 cm

Solutions – 3D Pythagoras (G)

A cuboid has side lengths 14 cm, 14 cm and 13 cm. Find the distance between the opposite corners to one decimal place.
23.7 cm

A cuboid has side lengths 13 cm, 18 cm and 9 cm. Find the distance between the opposite corners to one decimal place.
24.0 cm

A cuboid has side lengths 14 cm, 6 cm and 8 cm. Find the distance between the opposite corners to one decimal place.
17.2 cm

A cuboid has side lengths 18 cm, 7 cm and 8 cm. Find the distance between the opposite corners to one decimal place.
20.9 cm

A cuboid has side lengths 10 cm, 3 cm and 10 cm. Find the distance between the opposite corners to one decimal place.
14.5 cm

Solutions – 3D Pythagoras (H)

A cuboid has side lengths 4 cm, 6 cm and 4 cm. Find the distance between the opposite corners to one decimal place.
8.2 cm

A cuboid has side lengths 5 cm, 4 cm and 17 cm. Find the distance between the opposite corners to one decimal place.
18.2 cm

A cuboid has side lengths 6 cm, 19 cm and 16 cm. Find the distance between the opposite corners to one decimal place.
25.6 cm

A cuboid has side lengths 13 cm, 10 cm and 17 cm. Find the distance between the opposite corners to one decimal place.
23.6 cm

A cuboid has side lengths 7 cm, 9 cm and 10 cm. Find the distance between the opposite corners to one decimal place.
15.2 cm

Solutions – 3D Pythagoras (I)

A cuboid has side lengths 9 cm, 13 cm and 9 cm. Find the distance between the opposite corners to one decimal place.
18.2 cm

A cuboid has side lengths 8 cm, 12 cm and 16 cm. Find the distance between the opposite corners to one decimal place.
21.5 cm

A cuboid has side lengths 16 cm, 11 cm and 2 cm. Find the distance between the opposite corners to one decimal place.
19.5 cm

A cuboid has side lengths 17 cm, 17 cm and 16 cm. Find the distance between the opposite corners to one decimal place.
28.9 cm

A cuboid has side lengths 18 cm, 16 cm and 13 cm. Find the distance between the opposite corners to one decimal place.
27.4 cm

Solutions – 3D Pythagoras (J)

A cuboid has side lengths 7 cm, 8 cm and 14 cm. Find the distance between the opposite corners to one decimal place.
17.6 cm

A cuboid has side lengths 5 cm, 3 cm and 18 cm. Find the distance between the opposite corners to one decimal place.
18.9 cm

A cuboid has side lengths 19 cm, 4 cm and 7 cm. Find the distance between the opposite corners to one decimal place.
20.6 cm

A cuboid has side lengths 4 cm, 17 cm and 11 cm. Find the distance between the opposite corners to one decimal place.
20.6 cm

A cuboid has side lengths 3 cm, 12 cm and 18 cm. Find the distance between the opposite corners to one decimal place.
21.8 cm