

552

630

38.2

184

10

205

332

236

144

658

151.3

92.1

66

132

8

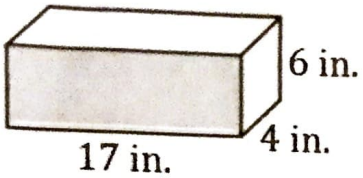
These are the answers. You can cut them and match them to the problems or just check them off!

Find the lateral surface area of a cube that has a height of 6 m.

*Lateral surface area - all the sides, not including the base & the top.

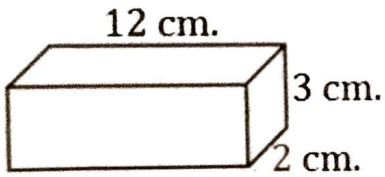
Find the lateral surface area.

(not the shaded sides)



②

Find the total surface area.

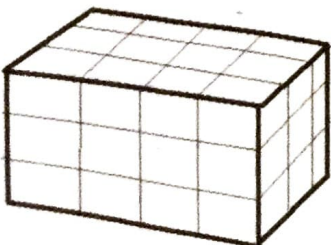


③

Find the surface area of a rectangular prism if the length is 5.2 cm, the width is 8.3 cm, and the height is 9.1 cm.

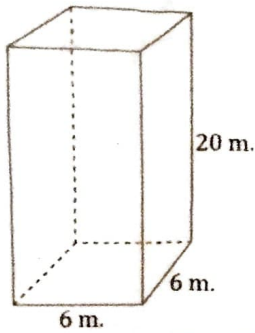
④

Find the total surface area.



⑤

Find the total surface area.



6

Length = 29

Width = 3.5

Height = 7

Find the total surface area of the rectangular prism.

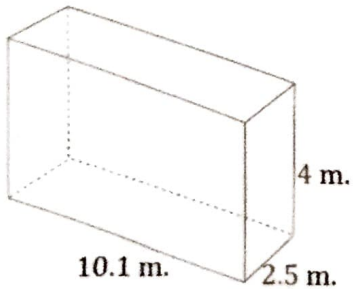
7

Cara bakes a rectangular cake that is 9 inches wide, 13 inches long, and 2 inches high. She removes the cake from the pan to frost it. How many square inches of frosting does she need?

8

** Remember: you do not frost the bottom of a cake.*

Find the total surface area.



9

The surface area of a box is 592 meters squared. The base of the box is 12 meters by 10 meters. What is the height of the box?

10

*Try it:
* Use x for the height.
Make an equation & solve.*

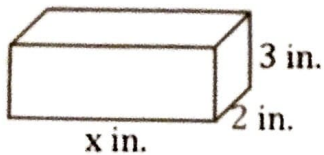
11

Bob is painting a room that is 20 ft. long, 15 ft. wide, and 9 ft. high. How many square feet is Bob going to paint?

* Remember: You don't paint the floor!

12

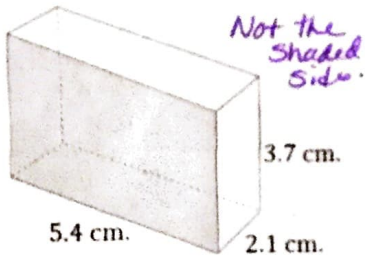
The total area of the rectangular prism is 112 in². What is the value of x?



Try it:
* Use x for length.
Make an equation & solve!

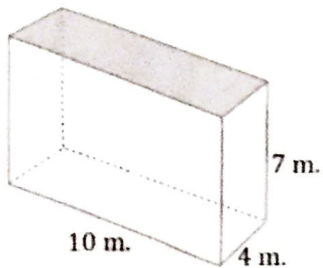
13

Find the lateral surface area.



14

Find the surface area of the box excluding the shaded base.



15

Find the lateral surface area.

