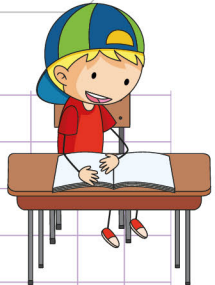
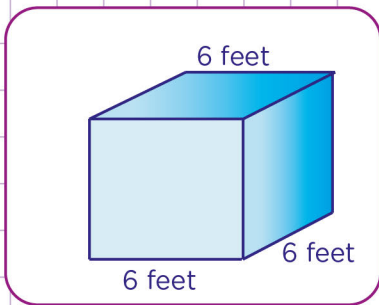


Name: Class:

Surface area of cubes and rectangular prisms



Find the surface area of the cube below



Find the surface area of each rectangle prism and cube below. Tick the most correct answer.

A cube is 9 feet high. What is the surface area of the cube?

- 81 feet
 486 feet²
 81 feet²
 486 feet

A cube is 3 mm wide. What is the surface area of the cube?

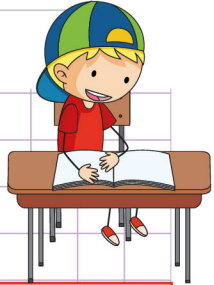
- 54 mm
 27 mm²
 54 mm²
 9 mm

A rectangular prism is 8 in long, 2 in wide, and 7 in high. what is the surface area of the rectangular prism

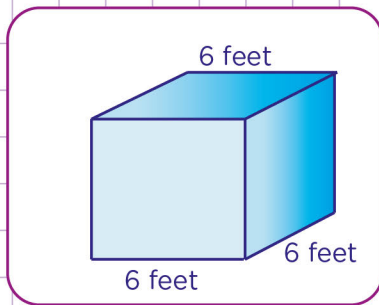
- 172 in
 172 in²
 86 in²
 172

Name: Class:

Surface area of cubes and rectangular prisms



Find the surface area of the cube below



A cube has 6 identical faces.
Each face is a square, so find the the area of one face.



Area = side x side
Area = 6 feet x 6 feet
Area = 36 square feet

Multiply 36 square feet by 6 to have
Surface area = $36 \times 6 = 216 \text{ feet}^2$

So, the surface area of the cube is 216 square feet

Find the surface area of each rectangle prism and cube below. Tick the most correct answer.

A cube is 9 feet high. What is the surface area of the cube?

 81 feet 486 feet^2 81 feet^2 486 feet

A cube is 3 mm wide. What is the surface area of the cube?

 54 mm 27 mm^2 54 mm^2 9 mm

A rectangular prism is 8 in long, 2 in wide, and 7 in high. What is the surface area of the rectangular prism?

 172 in 172 in^2 86 in^2 172