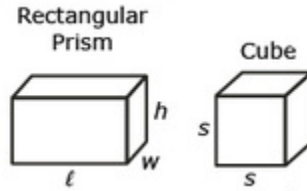
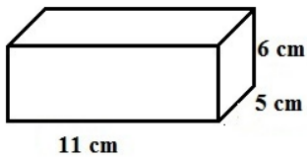


Surface Area Rectangular Prisms and Cubes



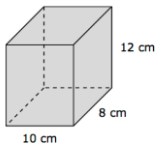
The **surface area** of a rectangular prism can be given by the formula $SA = 2lw + 2wh + 2lh$. All you are doing is adding the total area of all six sides. If the solid is a cube then we can do $SA = 6s^2$ where s is the side of the cube.

1. Find the surface area of the given rectangular prism.

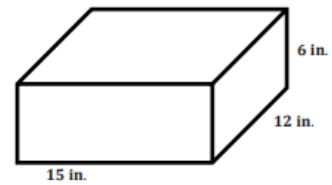


6. Find the surface area of a cube with a side of 5.

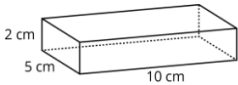
2. Find the surface area of the given rectangular prism.



7. A box needs to be painted. How many square inches need to be painted to cover the entire surface of the box?

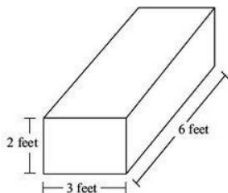


3. Find the surface area of the given rectangular prism.



8. A rectangular prism has a width of 10 cm, a height of 3 cm and a depth of 7 cm. What is the surface area of the prism?

4. Find the surface area of the given rectangular prism.



9. A rectangular gift box is 50 cm x 35 cm x 5 cm. You have wrapping paper with dimensions 75 cm x 60 cm. Will you have enough wrapping paper to wrap the gift? Why or why not?

5. Find the surface area of the given rectangular prism.

