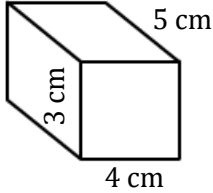


# Surface Area of a Rectangular Prism

Name: \_\_\_\_\_

Date: \_\_\_\_\_

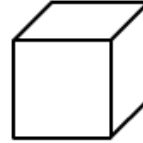
- 1) Find the surface area of a rectangular prism in cm?



$$A = 2(wl + hl + hw)$$

$$A = 94\text{cm}^2$$

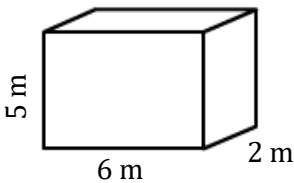
- 2) The surface area of a rectangular prism is  $292\text{mm}^2$ , width is 6mm and height is 8mm then find the length?



$$A = 2(wl + hl + hw)$$

$$l = \underline{\hspace{2cm}}$$

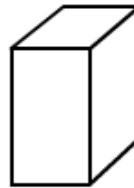
- 3) Find the surface area of a rectangular prism in meters?



$$A = 2(wl + hl + hw)$$

$$A = \underline{\hspace{2cm}}$$

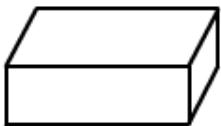
- 4) If the surface area of a rectangular prism is  $292\text{cm}^2$ , width is 8cm and length is 7cm then find the height of the prism?



$$A = 2(wl + hl + hw)$$

$$h = \underline{\hspace{2cm}}$$

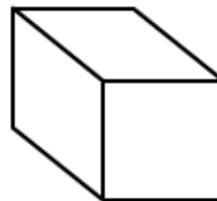
- 5) What is the surface area of a rectangular prism that is 5in wide, 3in tall and 3in long?



$$A = 2(wl + hl + hw)$$

$$A = \underline{\hspace{2cm}}$$

- 6) If the surface area of a rectangular prism is  $342\text{in}^2$ , height is 9in and length is 9in then, find the width of the prism?



$$A = 2(wl + hl + hw)$$

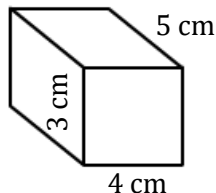
$$w = \underline{\hspace{2cm}}$$

# Surface Area of a Rectangular Prism

Name: \_\_\_\_\_

Date: \_\_\_\_\_

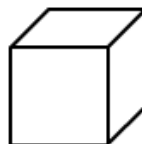
- 1) Find the surface area of a rectangular prism in cm?



$$A = 2(wl+hl+hw)$$

$$A = \underline{94\text{cm}^2}$$

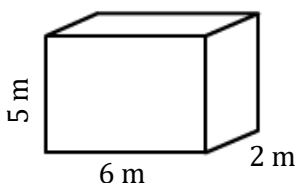
- 2) The surface area of a rectangular prism is  $292\text{mm}^2$ , width is 6mm and height is 8mm then find the length?



$$A = 2(wl+hl+hw)$$

$$l = \underline{7\text{mm}}$$

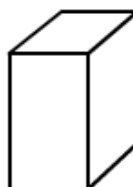
- 3) Find the surface area of a rectangular prism in meters?



$$A = 2(wl+hl+hw)$$

$$A = \underline{104\text{m}^2}$$

- 4) If the surface area of a rectangular prism is  $292\text{cm}^2$ , width is 8cm and length is 7cm then find the height of the prism?



$$A = 2(wl+hl+hw)$$

$$h = \underline{6\text{cm}}$$

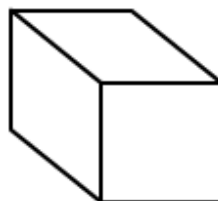
- 5) What is the surface area of a rectangular prism that is 5in wide, 3in tall and 3in long?



$$A = 2(wl+hl+hw)$$

$$A = \underline{78\text{in}^2}$$

- 6) If the surface area of a rectangular prism is  $342\text{in}^2$ , height is 9in and length is 9in then, find the width of the prism?



$$A = 2(wl+hl+hw)$$

$$w = \underline{5\text{in}}$$