

Surface Area of a Rectangular Prism

Name: _____

Date: _____

To find the surface area of a rectangular prism ($A = 2(wl + hl + hw)$).

- 1) A rectangular prism has a width of 7cm, a height of 5cm and a length of 6cm. What is the surface area of the prism?

- 2) A rectangular prism has a width of 8mm, a height of 13mm and a length of 3mm. What is the surface area of the prism?

- 3) A rectangular prism has a width of 8m, a height of 2m and a length of 4m. What is the surface area of the prism?

- 4) If the surface area of the rectangular prism is 334cm^2 , length of 5cm, and a height of 11cm. What is the width of the prism?

- 5) A rectangular prism has a width of 5cm, a height of 11cm and a length of 9cm. What is the surface area of the prism?

- 6) What is the surface area of a figure that is 15in wide, 7in height and 2in length?

- 7) A rectangular prism has a width of 4km, a height of 14km and a length of 6km. What is the surface area of the prism?

- 8) A rectangular prism has a width of 8cm, a height of 4cm and a length of 3cm. What is the surface area of the prism?

Surface Area of a Rectangular Prism

Name: _____

Date: _____

To find the surface area of a rectangular prism ($A = 2(wl + hl + hw)$).

- 1) A rectangular prism has a width of 7cm, a height of 5cm and a length of 6cm. What is the surface area of the prism?

214cm²

- 2) A rectangular prism has a width of 8mm, a height of 13mm and a length of 3mm. What is the surface area of the prism?

334mm²

- 3) A rectangular prism has a width of 8m, a height of 2m and a length of 4m. What is the surface area of the prism?

112m²

- 4) If the surface area of the rectangular prism is 334cm², length of 5cm, and a height of 11cm. What is the width of the prism?

7cm

- 5) A rectangular prism has a width of 5cm, a height of 11cm and a length of 9cm. What is the surface area of the prism?

398cm²

- 6) What is the surface area of a figure that is 15in wide, 7in height and 2in length?

298in²

- 7) A rectangular prism has a width of 4km, a height of 14km and a length of 6km. What is the surface area of the prism?

328 km²

- 8) A rectangular prism has a width of 8cm, a height of 4cm and a length of 3cm. What is the surface area of the prism?

136 cm²
