

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 2cm, a height of 9cm and a length of 7cm. What is the surface area of the prism?

- 2) A rectangular prism has a width of 4mm, a height of 5mm and a length of 8mm. What is the surface area of the prism?

- 3) A rectangular prism has a width of 11m, a height of 13m and a length of 5m. What is the surface area of the prism?

- 4) If the surface area of the rectangular prism is 324cm^2 , width of 5cm, and a length of 6cm. What is the height of the prism?

- 5) A rectangular prism has a width of 8cm, a height of 9cm and a length of 6cm. What is the surface area of the prism?

- 6) What is the surface area of a figure that is 11 inches wide, 3 inches tall and 5 inches long?

- 7) A rectangular prism has a width of 10km, a height of 2km and a length of 8km. What is the surface area of the prism?

- 8) A rectangular prism has a width of 4cm, a height of 7cm and a length of 11 cm. What is the surface area of the prism?

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

- 1) A rectangular prism has a width of 2cm, a height of 9cm and a length of 7cm. What is the surface area of the prism?

190cm²

- 2) A rectangular prism has a width of 4mm, a height of 5mm and a length of 8mm. What is the surface area of the prism?

184mm²

- 3) A rectangular prism has a width of 11m, a height of 13m and a length of 5m. What is the surface area of the prism?

526m²

- 4) If the surface area of the rectangular prism is 324cm², width of 5cm, and a length of 6cm. What is the height of the prism?

12cm

- 5) A rectangular prism has a width of 8cm, a height of 9cm and a length of 6cm. What is the surface area of the prism?

348cm²

- 6) What is the surface area of a figure that is 11 inches wide, 3 inches tall and 5 inches long?

206in²

- 7) A rectangular prism has a width of 10km, a height of 2km and a length of 8km. What is the surface area of the prism?

232km²

- 8) A rectangular prism has a width of 4cm, a height of 7cm and a length of 11 cm. What is the surface area of the prism?

298cm²