

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 6cm, a height of 11cm and a length of 3cm. What is the surface area of the prism?

- 2) A rectangular prism has a width of 5mm, a height of 9mm and a length of 13mm. What is the surface area of the prism?

- 3) A rectangular prism has a width of 2m, a height of 6m and a length of 8m. What is the surface area of the prism?

- 4) If the surface area of a rectangular prism is 190cm^2 , width is 2cm, and a length is 9cm. What is the height of the prism?

- 5) A rectangular prism has a width of 12cm, a height of 2cm and a length of 7cm. What is the surface area of the prism?

- 6) What is the surface area of a figure that is 6inches wide, 9inches tall and 4inches long?

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

- 8) A rectangular prism has a width of 9cm, a height of 11cm and a length of 5cm. 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 6cm, a height of 11cm and a length of 3cm. What is the surface area of the prism?

234cm²

- 2) A rectangular prism has a width of 5mm, a height of 9mm and a length of 13mm. What is the surface area of the prism?

454mm²

- 3) A rectangular prism has a width of 2m, a height of 6m and a length of 8m. What is the surface area of the prism?

152m²

- 4) If the surface area of a rectangular prism is 190cm², width is 2cm, and a length is 9cm. What is the height of the prism?

7cm

- 5) A rectangular prism has a width of 12cm, a height of 2cm and a length of 7cm. What is the surface area of the prism?

244cm²

- 6) What is the surface area of a figure that is 6inches wide, 9inches tall and 4inches long?

228in²

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

208km²

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

398cm²
