

## 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 10cm, a height of 3cm and a length of 7cm. What is the surface area of the prism?

242cm<sup>2</sup>

- 2) A rectangular prism has a width of 10mm, a height of 5mm and a length of 5mm. What is the surface area of the prism?

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

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- 4) If the surface area of the rectangular prism is 280cm<sup>2</sup>, width of 5cm, and a length of 10cm. What is the height of the prism?

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

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- 6) What is the surface area of a figure that is 7in wide, 6in height and 8in length?

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- 7) A rectangular prism has a width of 5km, a height of 7km and a length of 10km. What is the surface area of the prism?

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- 8) A rectangular prism has a width of 7cm, a height of 9cm and a length of 2cm. 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 10cm, a height of 3cm and a length of 7cm. What is the surface area of the prism?

242cm<sup>2</sup>

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- 2) A rectangular prism has a width of 10mm, a height of 5mm and a length of 5mm. What is the surface area of the prism?

250mm<sup>2</sup>

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

322m<sup>2</sup>

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- 4) If the surface area of the rectangular prism is 280cm<sup>2</sup>, width of 5cm, and a length of 10cm. What is the height of the prism?

6cm

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

190cm<sup>2</sup>

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- 6) What is the surface area of a figure that is 7in wide, 6in height and 8in length?

292in<sup>2</sup>

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- 7) A rectangular prism has a width of 5km, a height of 7km and a length of 10km. What is the surface area of the prism?

310km<sup>2</sup>

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

190cm<sup>2</sup>

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