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 3cm, a height of 8cm and a length of 9cm. What is the surface area of the prism?

   _____

2) A rectangular prism has a width of 12mm, a height of 6mm and a length of 4mm. What is the surface area of the prism?

   _____

3) A rectangular prism has a width of 9m, a height of 11m and a length of 7m. What is the surface area of the prism?

   _____

4) If the surface area of the rectangular prism is 454cm^2, width of 5cm, and a height of 13cm. What is the length of the prism?

   _____

5) A rectangular prism has a width of 9cm, a height of 11cm and a length of 4cm. What is the surface area of the prism?

   _____

6) What is the surface area of a figure that is 12in wide, 8in height and 5in length?

   _____

7) A rectangular prism has a width of 2km, a height of 10km and a length of 4km. What is the surface area of the prism?

   _____

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

      246cm²

2) A rectangular prism has a width of 12mm, a height of 6mm and a length of 4mm. What is the surface area of the prism?

      288mm²

3) A rectangular prism has a width of 9m, a height of 11m and a length of 7m. What is the surface area of the prism?

      478m²

4) If the surface area of the rectangular prism is 454cm², width of 5cm, and a height of 13cm. What is the length of the prism?

      9cm

5) A rectangular prism has a width of 9cm, a height of 11cm and a length of 4cm. What is the surface area of the prism?

      358cm²

6) What is the surface area of a figure that is 12in wide, 8in height and 5in length?

      392in²

7) A rectangular prism has a width of 2km, a height of 10km and a length of 4km. What is the surface area of the prism?

      136km²

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

      246cm²