

Surface Area of Rectangular Prisms

Name: _____

Date: _____

Instructions: Calculate the surface area of each rectangular prism. Remember to find the area of all six faces and add them together. Show your working.

Formula: Surface Area = $2(lw + lh + wh)$

1. Length = 5 cm, Width = 3 cm, Height = 4 cm

Working:

Surface Area = _____ cm^2

2. Length = 8 cm, Width = 6 cm, Height = 2 cm

Working:

Surface Area = _____ cm^2

3. Length = 10 m, Width = 4 m, Height = 7 m

Working:

Surface Area = _____ m^2

4. Length = 12 cm, Width = 5 cm, Height = 9 cm

Working:

Surface Area = _____ cm^2

5. A cube has sides of length 6 cm. Find its surface area.

Working:

Surface Area = _____ cm²

6. A box measures 15 cm long, 8 cm wide, and 10 cm high. Calculate the total surface area.

Working:

Surface Area = _____ cm²