

# Word problem involving the volume of a rectangular prism: Worksheet 7.2

Name ..... Date ..... Score .....

1. A cube has height of 6 cm. What is the volume of the cube?
2. A cube has depth of 3 m. What is the volume of the cube?
3. A rectangular prism has a width of 5 cm, a height of 7 cm and a depth of 10 cm. What is the volume of the prism?
4. A cube has height of 4 mm. What is the volume of the cube?
5. A rectangular prism has a width of 3 cm, a height of 8 cm and a depth of 4 cm. What is the volume of the prism?
6. A rectangular prism has a width of 7 cm, a height of 9 cm and a depth of 2 cm. What is the volume of the prism?
7. What is the volume of a figure that is 3 inches wide, 4 inches tall and 6 inches long?
8. What is the volume of a figure that is 5 inches wide, 8 inches tall and 7 inches long?
9. A cube has height of 11 cm. What is the volume of the cube?
10. What is the volume of a figure that is 7 inches wide, 6 inches tall and 8 inches long?



## Solutions: Worksheet 7.2

1. Volume of cube = 216 cu cm
2. Volume of cube = 27 cu m
3. Volume of prism = 350 cu cm
4. Volume of cube = 64 cu mm
5. Volume of prism = 96 cu cm
6. Volume of prism = 126 cu cm
7. Volume of figure = 72 cu in
8. Volume of figure = 280 cu in
9. Volume of cube = 1331 cu cm
10. Volume of figure = 336 cu in

