

Word problem involving the surface area of a Rectangular Prism: Worksheet 6.2

Name Date Score

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



Solutions: Worksheet 6.2

1. Surface Area of cube = 216 square cm
2. Surface Area of cube = 54 square m
3. Surface Area of prism = 310 square cm
4. Surface Area of cube = 96 square mm
5. Surface Area of prism = 136 square cm
6. Surface Area of prism = 190 square cm
7. Surface Area of figure = 108 square in
8. Surface Area of figure = 262 square in
9. Surface Area of cube = 726 square cm
10. Surface Area of figure = 292 square in

