Word problem involving the surface area of a Rectangular Prism: Worksheet 6.1

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

1. A rectangular prism has a width of 4 cm, a height of 8 cm and a depth of 7 cm. What is the surface area of the prism?

2. What is the surface area of a figure that is 9 inches wide, 7 inches tall and 8 inches long?

3. A cube has depth of 2 m. What is the surface area of the cube?

4. A cube has width of 9 mm. What is the surface area of the cube?

5. A rectangular prism has a width of 5 cm, a height of 10 cm and a depth of 6 cm. What is the surface area of the prism?

6. What is the surface area of a figure that is 6 inches wide, 8 inches tall and 5 inches long?

7. A cube has height of 7 cm. What is the surface area of the cube?

8. What is the surface area of a figure that is 3 inches wide, 5 inches tall and 4 inches long?

9. A rectangular prism has a width of 5 cm, a height of 2 cm and a depth of 4 cm. What is the surface area of the prism?

10. A cube has depth of 8 km. What is the surface area of the cube?

1. Surface Area of prism = 232 square cm

2. Surface Area of figure = 382 square in

3. Surface Area of cube = 24 square m

4. Surface Area of cube = 486 square mm

5. Surface Area of prism = 280 square cm

6. Surface Area of figure = 236 square in

7. Surface Area of cube = 294 square cm

8. Surface Area of figure = 94 square in

9. Surface Area of prism = 76 square cm

10. Surface Area of cube = 384 square km