

Year 7 Measurement Worksheet



1. The perimeter of a rectangle is 38 m. The length is four more than two times the width. What is the width?
2. The perimeter of a rectangle is 92 m. The length is six more than four times the width. What is the area?
3. The perimeter of a square is 100 mm. What is the area?
4. The perimeter of a rectangle is 64 cm. The length is seven less than two times the width. What is the width?
5. Find the perimeter of the circle to the nearest tenth. (Use 3.14 for π). Given, the radius of the circle is 27 inches.
6. Find the area of the circle to the nearest tenth, if radius is 7cm. (Use 3.14 for π)
7. Find surface area and volume of a cube if its side is 2 cm.
8. Calculate the volume and curved surface area of cylinder whose radius = 3.8 cm and height is 9cm
9. Calculate the volume of spheres whose diameter is 12 cm
10. Assume the sides of a triangle ABC are lengths 3, 4, and 5. This triangle is similar to another triangle XYZ. Their corresponding sides are in the ratio 1:2. Find the length of sides of the triangle XYZ.