



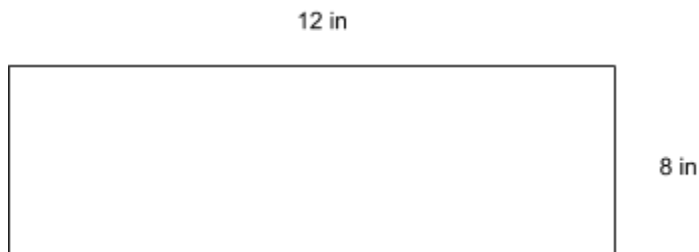
Measurement: Practice Activity

Directions: Read and answer the following questions to assess your knowledge of measurement.

1. Consider this rectangle:

a. What is the area?

b. What is the perimeter?



2. A triangle has a height of 6 cm and a base of 4 cm. What is the area?

3. One side of a square has the measurement of 9 mm.

a. What is the perimeter?

b. What is the area?

4. A triangle has side lengths of 3ft, 8ft, and 5ft, what is the perimeter?



5. A rectangular prism has a length of 5 in, a height of 78 in, and an unknown width.
 - a. If the volume is 1170 in^3 , what is the width?
 - b. If the volume is 17550 in^3 , what is the width?
 - c. If the length was the same, and the width was 35 in, what would the height be if the volume was 3675 in^3 ?
6. A rectangular prism has a length of 75 ft, a height of 32 ft, and a width of 60 in.
 - a. What is the volume?
7. The diameter of a circle is 10 m. What is the area?
8. The radius of a circle is 3 km. What is the circumference?
9. The radius of a circle is 24 in. What is the area?



Answers

1.
 - a. 96 in^2
 - b. 40 in
2. 12 cm^2
3.
 - a. 36 mm
 - b. 81 mm^2
4. 16 ft
5.
 - a. 3 in
 - b. 45 in
 - c. 21 in
6. $12,000 \text{ ft}^3$
7. 78.54 m^2
8. 18.85 km
9. $1,809.56 \text{ in}^2$