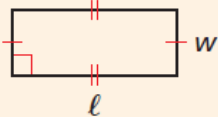
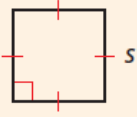
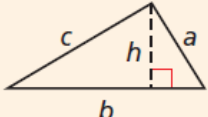


1-5 Using Formulas in Geometry

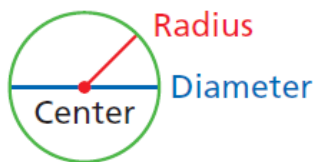
Perimeter and Area

RECTANGLE	SQUARE	TRIANGLE
		
$P = 2l + 2w$ or $2(l + w)$ $A = lw$	$P = 4s$ $A = s^2$	$P = a + b + c$ $A = \frac{1}{2}bh$ or $\frac{bh}{2}$

Circumference and Area of a Circle

The circumference C of a circle is given by the formula $C = \pi d$ or $C = 2\pi r$.

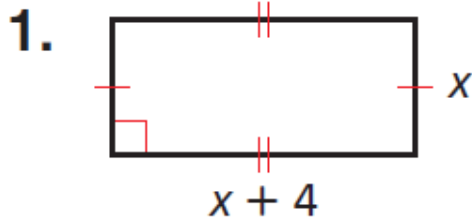
The area A of a circle is given by the formula $A = \pi r^2$.



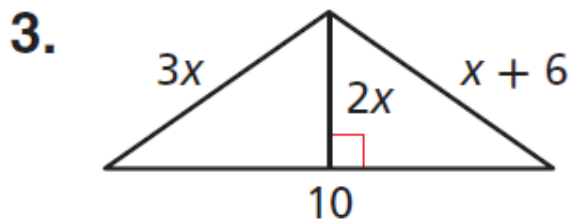
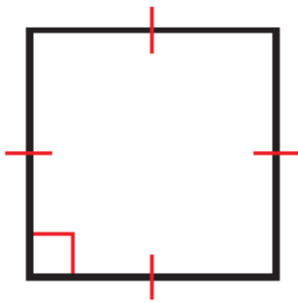


Lesson Quiz

Find the area and perimeter of each figure.



2. 4.8 cm



Find the circumference and area of each circle. Leave answers in terms of π .

4. radius 2 cm

5. diameter 12 ft

6. The area of a rectangle is 74.82 in^2 , and the length is 12.9 in. Find the width.