STUDY LINK
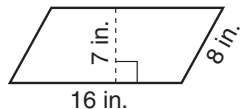**9·8** | ## Area Problems

Calculate the area of each figure in Problems 1–6. Remember to include
the unit in each answer.

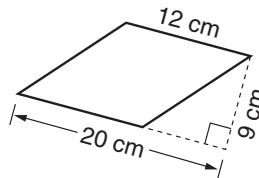**SRB**
215–217

1. parallelogram

Area _____

2. rectangle

30 in.

1 ft

Area _____

3. parallelogram

12 cm

20 cm

9 cm

Area _____

4. triangle

13 mm

7 mm

10 mm

Area _____

5. triangle

10 ft

14.9 ft

11 ft

Area _____

6. trapezoid

30 m   10 m

30 m   24 m

18 m   26 m
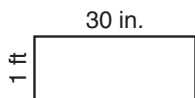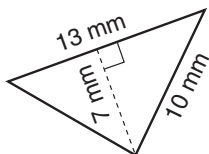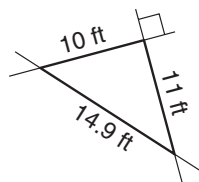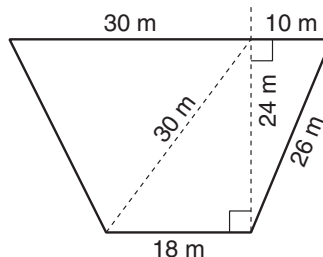
Area _____

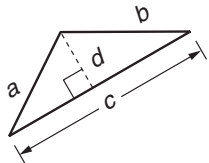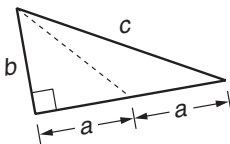**Try This**

In Problems 7 and 8, all dimensions are given as variables. Write a true
statement in terms of the variables to express the area of each figure.
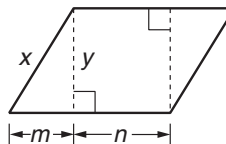
Example:

b

d

a

c

Area $\frac{1}{2} * c * d$

7.

c

b

a   a

Area _____

8.

x   y

m   n

Area _____

Practice

9. $x \div 5.3 = 12$ $x =$ _____

10. $-3.1 = -31w$ $w =$ _____

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