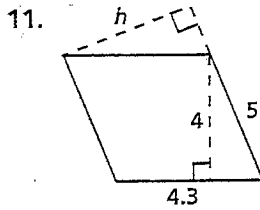
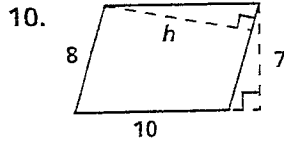


Ch 7 Review 1

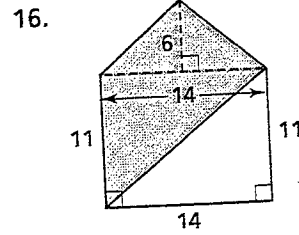
show work

Name: _____

Find the value of h in each parallelogram.



Find shaded Area



10. Find the length to the nearest centimeter of the diagonal of a square 30 cm on a side.

11. The hypotenuse of an isosceles right triangle is 8.4 in. Find the length of a side to the nearest tenth of an inch.

12. In a $30^\circ-60^\circ-90^\circ$ triangle, the shorter leg is 6 ft long. Find the length to the nearest tenth of a foot of the other two sides.

13. Each side of a rhombus is 14 in. long. Two of the sides form a 60° angle. Find the area of the rhombus. Round your answer to the nearest square inch.

The numbers represent the lengths of the sides of a triangle. Classify each triangle as *acute*, *obtuse*, or *right*.

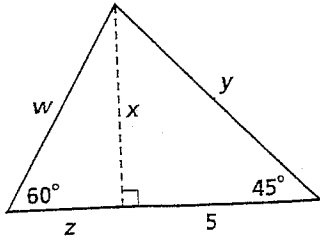
14. 6, 9, 10

15. 18, 24, 30

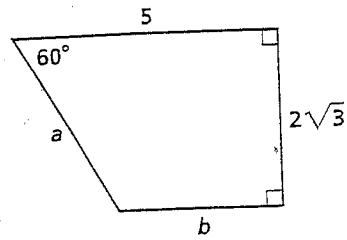
16. 20, 100, 110

Algebra Find the value of each variable. Leave your answers in simplest radical form.

14.

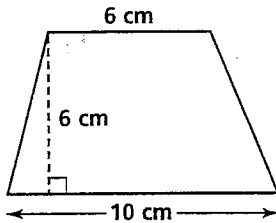


15.



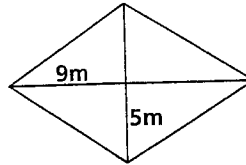
Find the area of each trapezoid.

1.

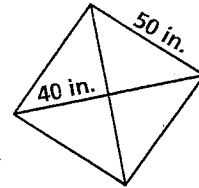


Find the area of each rhombus.

4.

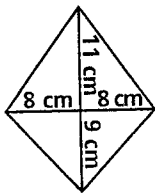


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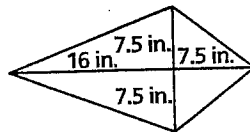


Find the area of each kite.

7.

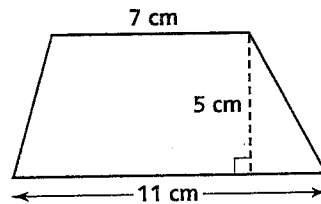


8.

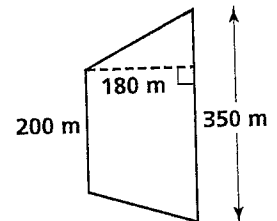


Find the area of each trapezoid to the nearest tenth.

13.

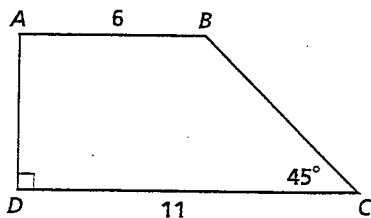


15.



Find the area of each trapezoid. Leave your answers in simplest radical form.

10.



11.

