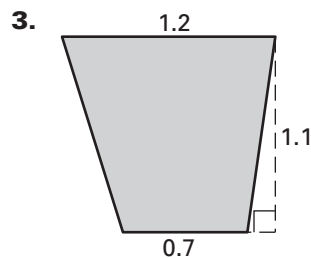
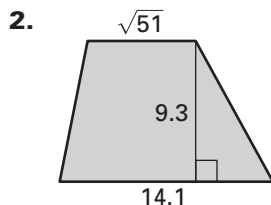
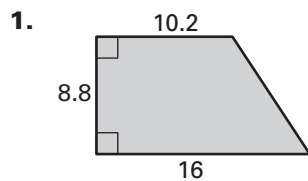
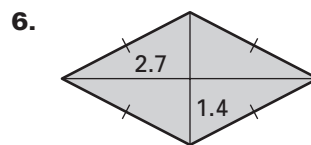
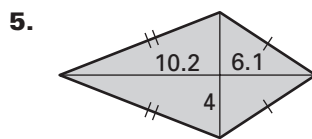
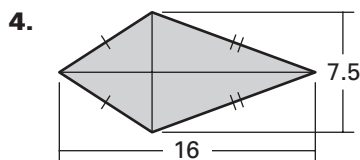


LESSON 11.2 Practice C
For use with pages 729–736

Find the area of the trapezoid.

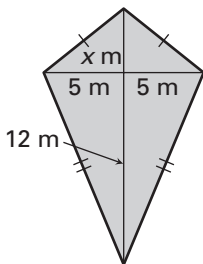


Find the area of the rhombus or kite.

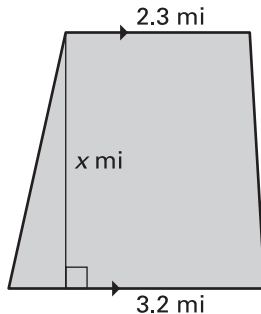


Use the given information to find the value of x.

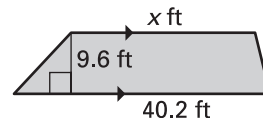
7. Area = 80 m^2



8. Area = 5.5 mi^2

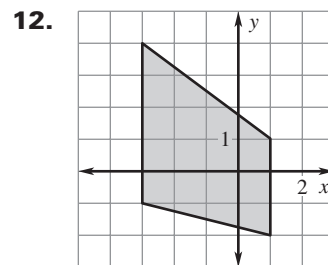
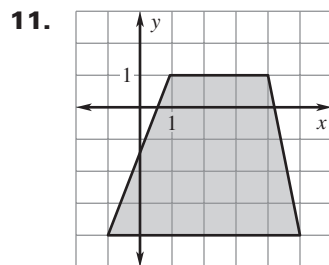
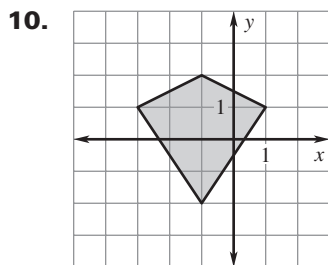


9. Area = 288.96 ft^2



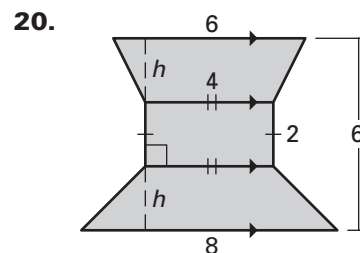
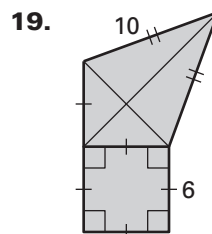
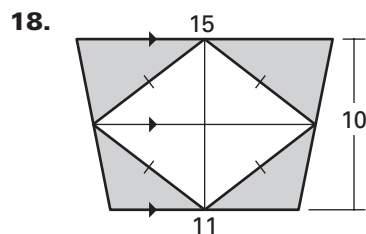
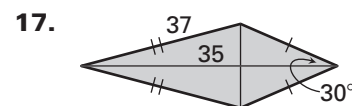
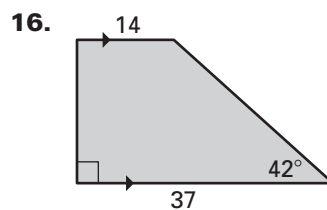
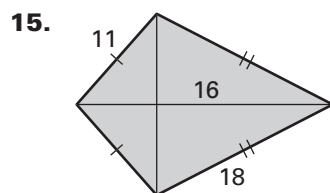
LESSON 11.2

Find the area of the figure.

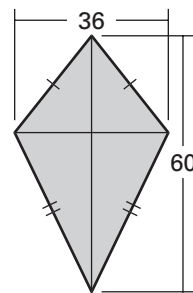


LESSON
11.2**Practice C** *continued*
For use with pages 729–736**Find the lengths of the bases of the trapezoid described.**

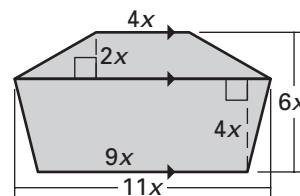
13. The height is 5 meters. One base is three times as long as the other base. The area is 70 square meters.
14. The height is 10 feet. One base is 4 feet longer than the other base. The area is 120 square feet.

Find the area of the shaded region.

21. **Making a Kite** You are making a kite. The frame is to be made from two pieces of balsa wood, one measuring 60 inches and the other 36 inches. If you buy 1 square yard of material, will you have enough to piece together the covering for the kite? *Explain.*



22. **Advertising** You are in charge of designing a sign to advertise for a pastry company. The sign will be shaped to resemble a pie. The template diagram is given at the right. Find the area of the sign in terms of x units.



23. **Garage Roof** The garage roof shown is made from two isosceles trapezoids and two isosceles triangles. Find the area of the entire roof.

