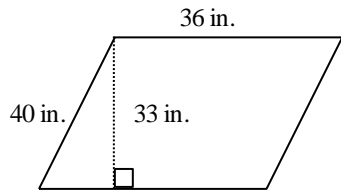


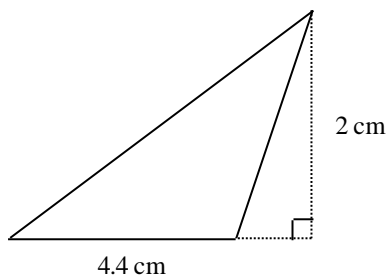
Areas of Quadrilaterals - Quiz Review

Find the area. The figure is not drawn to scale.

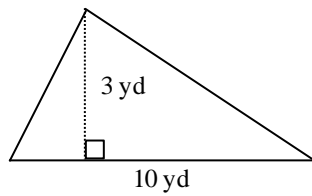
1.



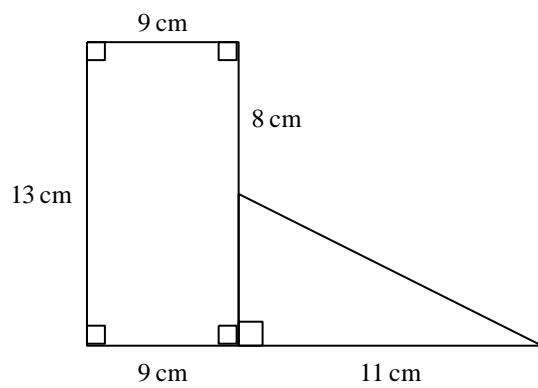
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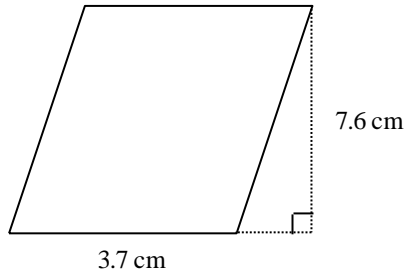
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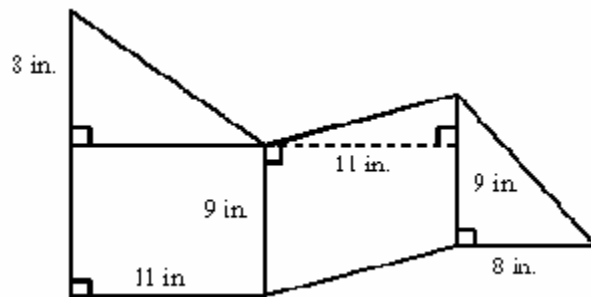
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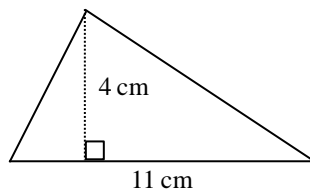
5.



6.

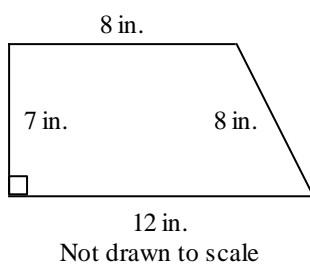


7.

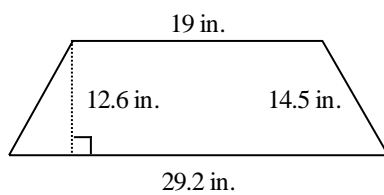


Find the area of the trapezoid. Leave your answer in simplest radical form.

8.

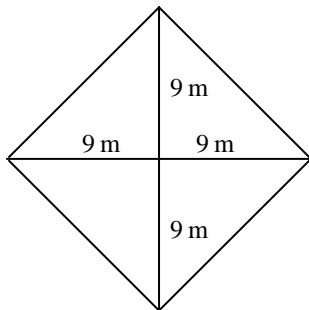


9.

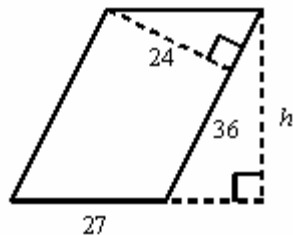


Not drawn to scale

10. Find the area of the rhombus.

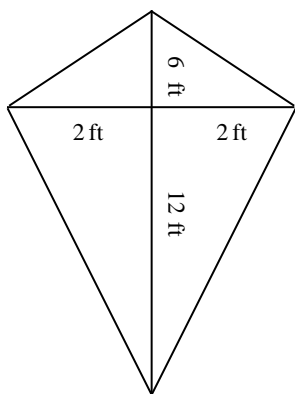


11. A kite has diagonals 5.8 ft and 6 ft. What is the area of the kite?
A. 5.9 ft^2 B. 23.6 ft^2 C. 34.8 ft^2 D. 17.4 ft^2
12. The area of a parallelogram is 320 cm^2 and the height is 40 cm. Find the corresponding base.
A. 360 cm B. 280 cm C. $12,800 \text{ cm}^2$ D. 8 cm
13. What is the height h of the parallelogram?



Not drawn to scale

14. What is the area of the kite?



Not drawn to scale

15. The area of a parallelogram is 280 cm^2 and the height is 35 cm. Find the corresponding base.
A. 315 cm B. 245 cm C. $9,800 \text{ cm}^2$ D. 8 cm

Find the area of a parallelogram with the given vertices.

- _____ 16. $P(1, 3), Q(3, 3), R(7, 8), S(9, 8)$
A. 10 units^2 B. 5 units^2 C. 20 units^2 D. none of these

17. Find the area of the rhombus.

