

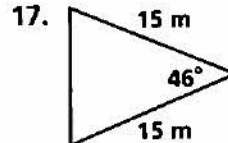
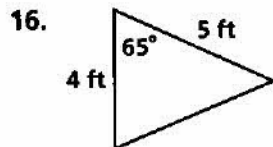
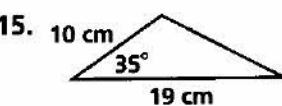
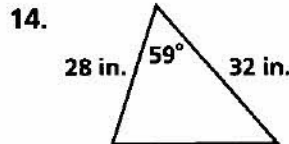
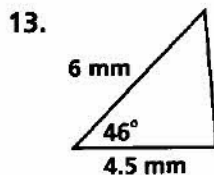
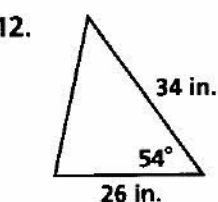
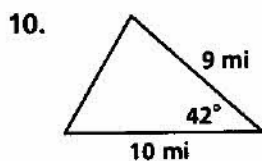
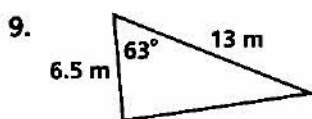
Practice 9-5

Trigonometry and Area

Find the area of each polygon. Round your answers to the nearest tenth.

- an equilateral triangle with apothem 5.8 cm
- a square with radius 17 ft
- a regular hexagon with apothem 19 mm
- a regular pentagon with radius 9 m
- a regular octagon with radius 20 in.
- a regular hexagon with apothem 11 cm
- a regular decagon with apothem 10 in.
- a square with radius 9 cm

Find the area of each triangle. Round your answers to the nearest tenth.



Find the area of each regular polygon to the nearest tenth.

- a triangular dog pen with apothem 4 m
- a hexagonal swimming pool cover with radius 5 ft
- an octagonal floor of a gazebo with apothem 6 ft
- a square deck with radius 2 m
- a hexagonal patio with apothem 4 ft

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