

For 14-17, set and solve an algebraic equation using the appropriate formula.

14. The area of a regular octagon is 216 cm^2 . Its apothem is 6 cm. How long is each side?
15. The area of a rhombus is 133 m^2 . If one diagonal has length 19 m, what is the length of the other diagonal?
16. Find the missing height of a trapezoid whose area is 100 m^2 , with bases that are 10 m & 15 m.
17. An isosceles right triangle has area 32 mm^2 . Find the length of the leg.