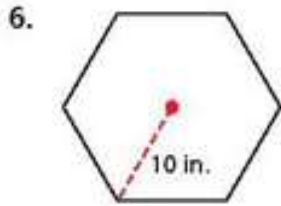


# 10.2 Day 1 Homework

Pg. 691 #6, 9-11, 14-15, 28-29, 34-37, 43

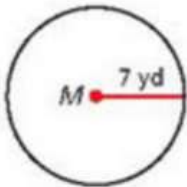
6) Find the area of the regular polygon.  
Round to the nearest tenth.



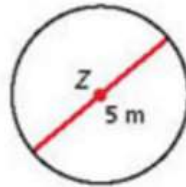
9) Find the area of a regular dodecagon with a side length of 5 m.

Find each measurement. Give your answers in terms of  $\pi$ .

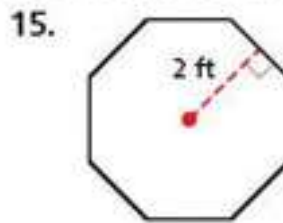
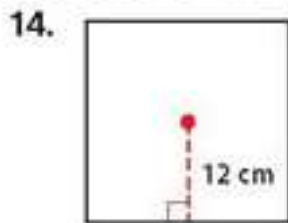
10. the area of  $\odot M$



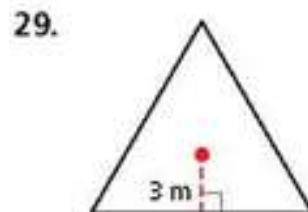
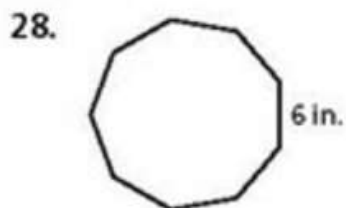
11. the circumference of  $\odot Z$



Find the area of each regular polygon. Round to the nearest tenth, if necessary.



28-29) Find the area of the regular polygon. Round to the nearest tenth.



34-37

Find the missing measurements for each circle. Give your answers in terms of  $\pi$ .

	Diameter $d$	Radius $r$	Area $A$	Circumference $C$
34.	6	■	■	■
35.	■	■	100	■
36.	■	17	■	■
37.	■	■	■	$36\pi$

43) Find the perimeter of the regular octagon to the nearest centimeter.

a) 5

b) 40

c) 20

d) 68

