



9-2 Developing Formulas for Circles and Regular Polygons

Practice: Finding the area of a Circle

- 3. A pizza-making kit contains two circular baking stones with diameters 24 cm and 48 cm. Find the area of each stone. Round to the nearest tenth.
 - a) 24 cm diameter

b) 48 cm diameter

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Practice: Finding Circumference of a Circle

4. A drum kit contains two drums with diameters of 10 in. and 14 in. Find the circumference of each drum. Round your answer to the nearest tenth.

a) 10 in. diameter	b) 14 in. diameter
$C = \pi d$	$C = \pi d$
$C=\pi(10)$	$C=\pi(14)$
<i>C</i> = 31.4 in.	<i>C</i> = 44.0 in.



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Practice: Finding the Area of a Regular Polygon

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





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

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