

Lesson 8.4 • Areas of Regular Polygons



In Exercises 1–3, the polygons are regular.



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$A = \pi r^2$ Lesson 8.5 • Areas of Circles

Name	Period	Date

In Exercises 1–4, write your answers in terms of π .

1. If
$$r = 9 \text{ cm}$$
, $A = (17)^{10} \text{ cm}^{2}$
 $A_{2} = q^{2} qr' = g \ln r$
3. If $A = 529 \pi \text{ cm}^{2}$, $r = 2.9 \text{ grow}$
 $\frac{524}{7} qr' = g \ln r$
3. If $A = 529 \pi \text{ cm}^{2}$, $r = 2.9 \text{ grow}$
 $\frac{524}{7} qr' = g \ln r$
In Exercises 5-8, round your answers to the nearest 0.01 unit. Way matrix interest
 $\frac{136}{7} 9 qr' = 136 \text{ cm}$, $A = 329 \text{ dr}^{2} \text{ cm}^{2}$
 $(133 \text{ dr} = 7^{11} \text{ dr}^{2} \text{ cm}^{2} \text{ dr}^{2} \text{ dr}$

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