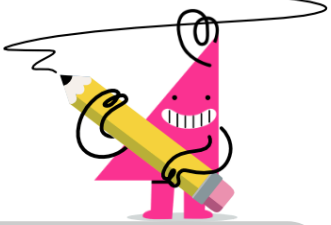
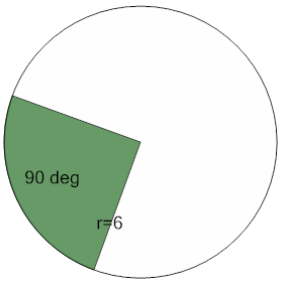
Name

Geometry of Circles - Sector Area - Radius and Angle to Equation



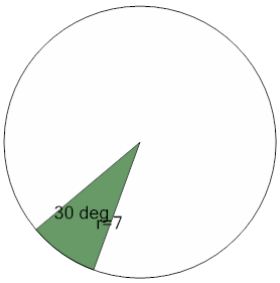
1



What equation would describe the area of the shaded sector of the circle?

A	$\frac{\pi \cdot 4}{36}$	B	$\frac{4}{\pi \cdot 36}$
C	$\frac{\pi \cdot 36}{4}$	D	$\frac{\pi^2 \cdot 4}{36}$

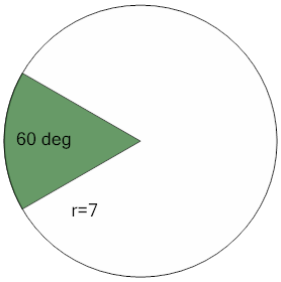
2



What equation would describe the area of the shaded sector of the circle?

A	$\frac{\pi \cdot 49}{12}$	B	$\frac{49}{\pi \cdot 12}$
C	$\frac{\pi^2 \cdot 12}{49}$	D	$\frac{12}{\pi \cdot 49}$

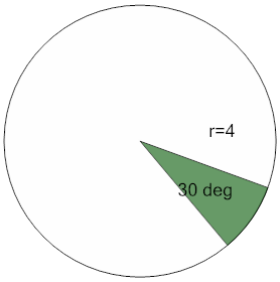
3



What equation would describe the area of the shaded sector of the circle?

A	$\frac{49}{\pi \cdot 6}$	B	$\frac{\pi \cdot 49}{6}$
C	$\frac{\pi^2 \cdot 6}{49}$	D	$\frac{6}{\pi \cdot 49}$

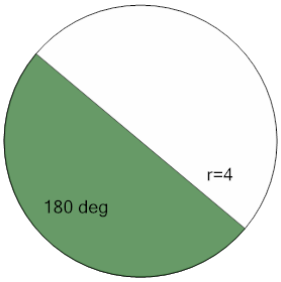
4



What equation would describe the area of the shaded sector of the circle?

A	$\frac{12}{\pi \cdot 16}$	B	$\frac{\pi^2 \cdot 12}{16}$
C	$\frac{\pi \cdot 16}{12}$	D	$\frac{\pi \cdot 12}{16}$

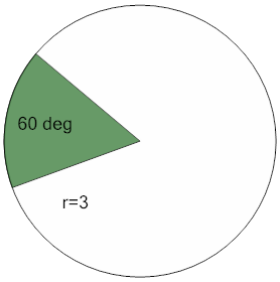
5



What equation would describe the area of the shaded sector of the circle?

A	$\frac{\pi \cdot 16}{2}$	B	$\frac{16}{\pi \cdot 2}$
C	$\frac{\pi \cdot 2}{16}$	D	$\frac{\pi^2 \cdot 2}{16}$
E	$\frac{2}{\pi \cdot 16}$		

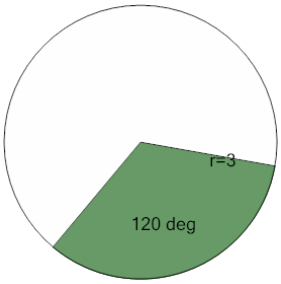
6



What equation would describe the area of the shaded sector of the circle?

A	$\frac{\pi \cdot 9}{6}$	B	$\frac{9}{\pi \cdot 6}$
C	$\frac{\pi^2 \cdot 6}{9}$	D	$\frac{6}{\pi \cdot 9}$

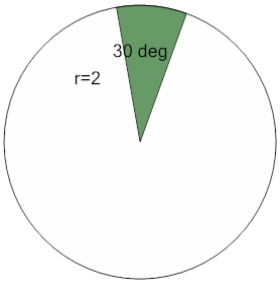
7



What equation would describe the area of the shaded sector of the circle?

A	$\frac{3}{\pi \cdot 9}$	B	$\frac{9}{\pi \cdot 3}$
C	$\frac{\pi \cdot 9}{3}$	D	$\frac{\pi^2 \cdot 3}{9}$

8



What equation would describe the area of the shaded sector of the circle?

A	$\frac{4}{\pi \cdot 12}$	B	$\frac{\pi \cdot 4}{12}$
C	$\frac{12}{\pi \cdot 4}$	D	$\frac{\pi^2 \cdot 12}{4}$