Math worksheet on *'Geometry of Circles - Sector Area - Radius and Angle to Equation (Level 1)'*. Part of a broader unit on *'Geometry - Intermediate - Practice'*

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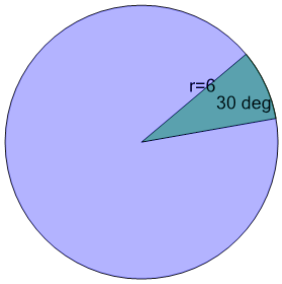
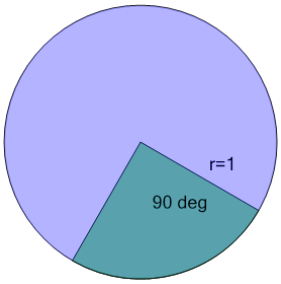
1



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

a $\frac{12}{\pi \cdot 36}$	**b** $\frac{\pi \cdot 36}{12}$
c $\frac{\pi^2 \cdot 12}{36}$	**d** $\frac{36}{\pi \cdot 12}$

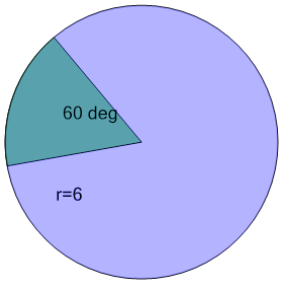
2



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

a $\frac{1}{\pi \cdot 4}$	**b** $\frac{\pi \cdot 1}{4}$
c $\frac{\pi^2 \cdot 4}{1}$	**d** $\frac{4}{\pi \cdot 1}$

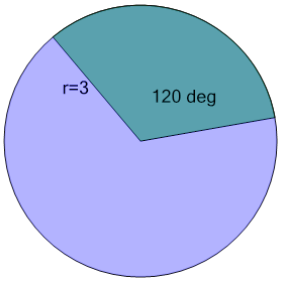
3



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

a $\frac{6}{\pi \cdot 36}$	**b** $\frac{\pi \cdot 6}{36}$
c $\frac{\pi \cdot 36}{6}$	

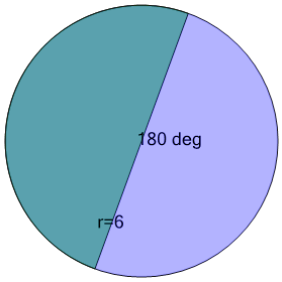
4



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

a $\frac{\pi \cdot 3}{9}$	**b** $\frac{3}{\pi \cdot 9}$
c $\frac{9}{\pi \cdot 3}$	**d** $\frac{\pi \cdot 9}{3}$

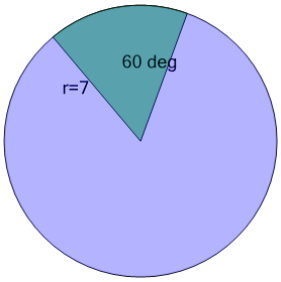
5



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

a $\frac{36}{\pi \cdot 2}$	**b** $\frac{2}{\pi \cdot 36}$
c $\frac{\pi \cdot 2}{36}$	**d** $\frac{\pi \cdot 36}{2}$

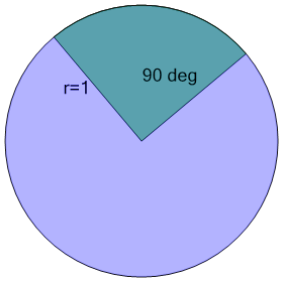
6



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

a $\frac{6}{\pi \cdot 49}$	**b** $\frac{\pi \cdot 49}{6}$
c $\frac{\pi \cdot 6}{49}$	**d** $\frac{\pi^2 \cdot 6}{49}$

7



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

a $\frac{\pi^2 \cdot 4}{1}$	**b** $\frac{\pi \cdot 1}{4}$
c $\frac{1}{\pi \cdot 4}$	**d** $\frac{\pi \cdot 4}{1}$
e $\frac{4}{\pi \cdot 1}$	