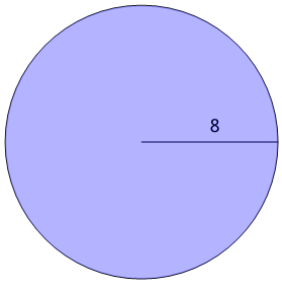
Math worksheet on *'Area of a Circle - Radius to Equation (Level 1)'*. Part of a broader unit on *'Geometry - Circle Area - Intro'*

Learn online: app.mobius.academy/math/units/geometry_circles_area_intro/

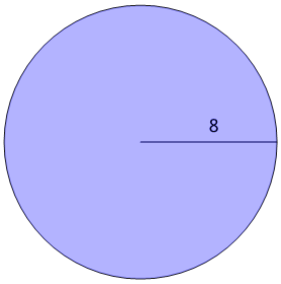
1



Find the equation that represents the area of this circle

a $\pi \cdot (\frac{32}{2})^2$	**b** $\frac{\pi}{8}$
c $\pi \cdot 8^2$	**d** $\pi \cdot 4$

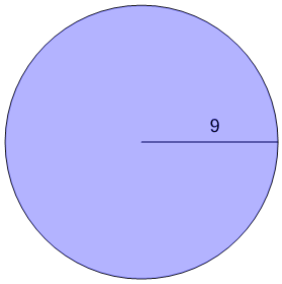
2



Find the equation that represents the area of this circle

a $\frac{\pi}{8}$	**b** $\pi \cdot 3^2$
c $\frac{\pi}{32}$	**d** $\pi \cdot 8^2$
e $\pi \cdot 9$	

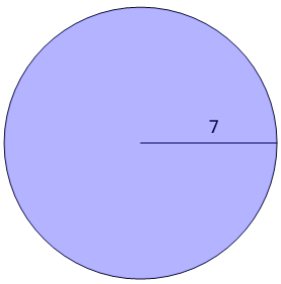
3



Find the equation that represents the area of this circle

a $\frac{\pi}{36}$	**b** $\frac{\pi}{9}$
c $\pi \cdot 9^2$	**d** $\pi \cdot (\frac{36}{2})^2$
e $\frac{\pi}{8}$	

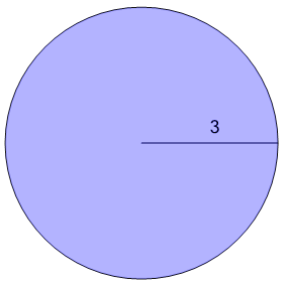
4



Find the equation that represents the area of this circle

a $\pi \cdot 7^2$	**b** $\pi \cdot (\frac{7}{2})^2$
c $\frac{\pi}{28}$	**d** $\frac{\pi}{7}$
e $\frac{\pi}{5}$	

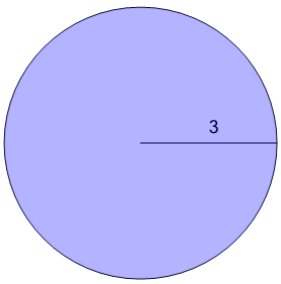
5



Find the equation that represents the area of this circle

a $\pi \cdot (\frac{3}{2})^2$	**b** $\pi \cdot 3^2$
c $\frac{\pi}{12}$	**d** $\frac{\pi}{7}$
e $\frac{\pi}{3}$	

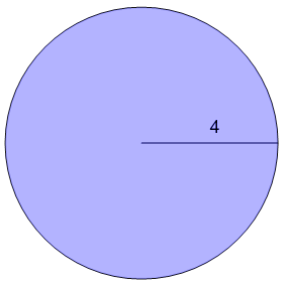
6



Find the equation that represents the area of this circle

a $\pi \cdot (\frac{12}{2})^2$	**b** $\pi \cdot 7$
c $\frac{\pi}{3}$	**d** $\pi \cdot 3^2$

7



Find the equation that represents the area of this circle

a $\pi \cdot 5^2$	**b** $\pi \cdot 4^2$
c $\pi \cdot (\frac{16}{2})^2$	**d** $\frac{\pi}{4}$
e $\pi \cdot 5$	