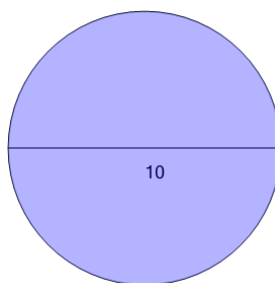




Math worksheet on 'Area of a Circle - Diameter to Equation - Squared Values (Level 1)'. Part of a broader unit on 'Geometry - Circle Area - Intro'

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

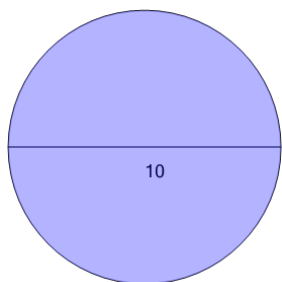
1



Find the equation that represents the area of this circle

- | | | | |
|---|----------------|---|----------------|
| a | $\pi \cdot 9$ | b | $\pi \cdot 25$ |
| c | $\pi \cdot 10$ | | |
| | | | |

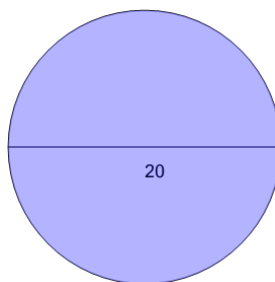
2



Find the equation that represents the area of this circle

- | | | | |
|---|------------------|---|------------------|
| a | $\frac{\pi}{6}$ | b | $\pi \cdot 11^2$ |
| c | $\frac{\pi}{11}$ | d | $\pi \cdot 10$ |
| e | $\pi \cdot 25$ | | |

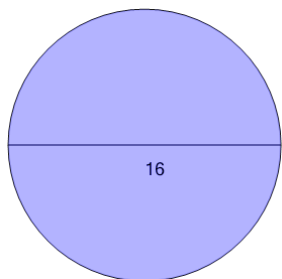
3



Find the equation that represents the area of this circle

- | | | | |
|---|-----------------|---|----------------|
| a | $\pi \cdot 15$ | b | $\pi \cdot 20$ |
| c | $\pi \cdot 100$ | d | $\pi \cdot 17$ |
| | | | |

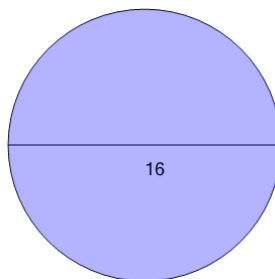
4



Find the equation that represents the area of this circle

- | | | | |
|---|----------------|---|---|
| a | $\pi \cdot 16$ | b | $\pi \cdot 15$ |
| c | $\pi \cdot 64$ | d | $\pi \cdot \left(\frac{19}{2}\right)^2$ |
| | | | |

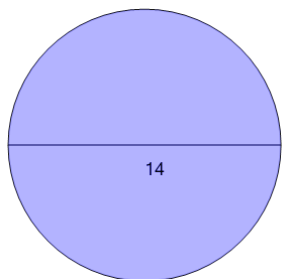
5



Find the equation that represents the area of this circle

- | | | | |
|---|------------------|---|----------------|
| a | $\pi \cdot 17^2$ | b | $\pi \cdot 64$ |
| c | $\pi \cdot 16$ | d | $\pi \cdot 18$ |
| | | | |

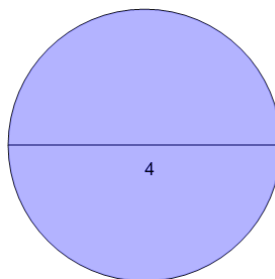
6



Find the equation that represents the area of this circle

- | | | | |
|---|---|---|------------------|
| a | $\frac{\pi}{16}$ | b | $\pi \cdot 49$ |
| c | $\pi \cdot \left(\frac{16}{2}\right)^2$ | d | $\frac{\pi}{17}$ |
| | | | |

7



Find the equation that represents the area of this circle

- | | | | |
|---|--|---|-----------------|
| a | $\pi \cdot 4$ | b | $\pi \cdot 8^2$ |
| c | $\pi \cdot \left(\frac{1}{2}\right)^2$ | d | $\frac{\pi}{8}$ |
| | | | |