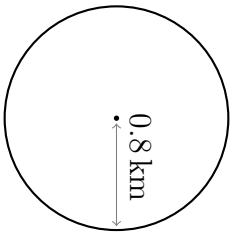
Name: _____ **Date:** _____

Area of a Circle: Questions

(1)

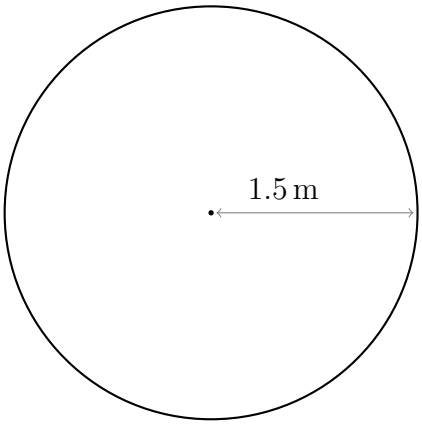


Area $= \pi r^2$

Area $= \ldots \times (\ldots\ldots\ldots\ldots) \ldots$

Area $\approx \ldots\ldots\ldots\ldots\ldots$

(2)

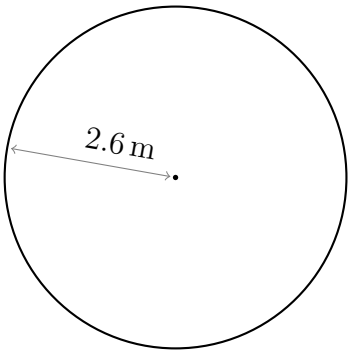


Area $= \pi r^2$

Area $= \ldots \times (\ldots\ldots\ldots\ldots) \ldots$

Area $\approx \ldots\ldots\ldots\ldots\ldots$

(3)

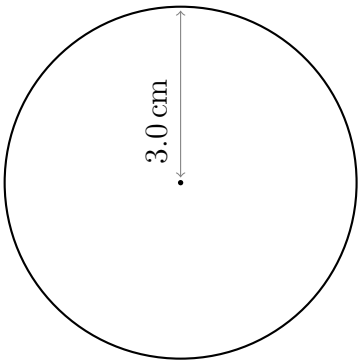


Area $= \pi r^2$

Area $= \ldots \times (\ldots\ldots\ldots\ldots) \ldots$

Area $\approx \ldots\ldots\ldots\ldots\ldots$

(4)



Area $= \pi r^2$

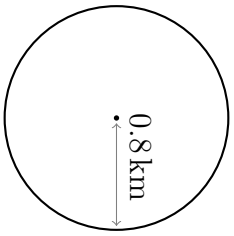
Area $= \ldots \times (\ldots\ldots\ldots\ldots) \ldots$

Area $\approx \ldots\ldots\ldots\ldots\ldots$

Name: _____ **Date:** _____

Area of a Circle: Answers

(1)

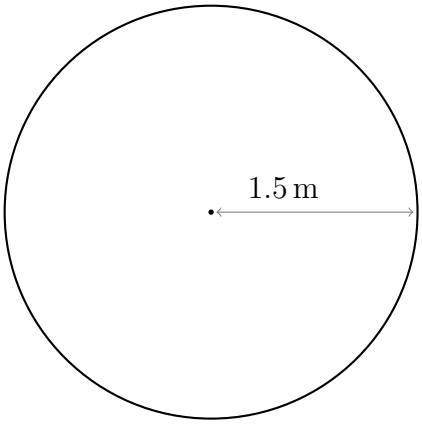


$\text{Area} = \pi r^2$

$\text{Area} = \pi \times (0.8\,\text{km})^2$

$\text{Area} \approx 2.011\,\text{km}^2$

(2)

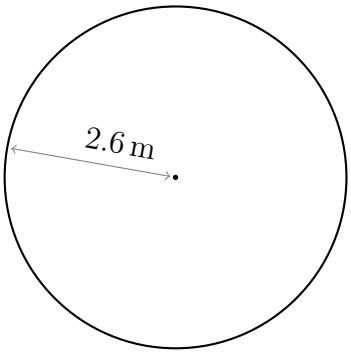


$\text{Area} = \pi r^2$

$\text{Area} = \pi \times (1.5\,\text{m})^2$

$\text{Area} \approx 7.069\,\text{m}^2$

(3)

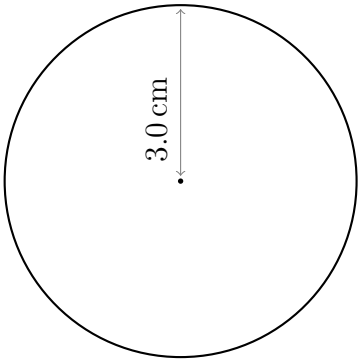


$\text{Area} = \pi r^2$

$\text{Area} = \pi \times (2.6\,\text{m})^2$

$\text{Area} \approx 21.237\,\text{m}^2$

(4)



$\text{Area} = \pi r^2$

$\text{Area} = \pi \times (3.0\,\text{cm})^2$

$\text{Area} \approx 28.274\,\text{cm}^2$