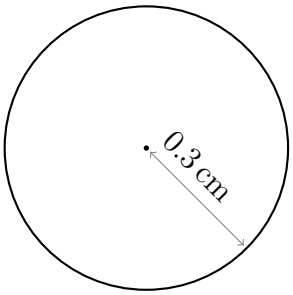
Name: _____ **Date:** _____

Area of a Circle: Questions

(1)

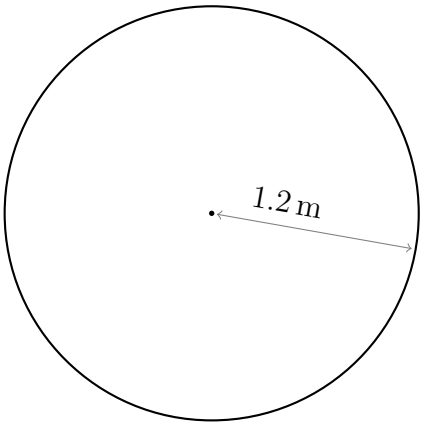


$\text{Area} = \pi r^2$

$\text{Area} = \pi \times (\ldots\ldots\ \ldots\ldots)^2$

$\text{Area} \approx \ldots\ldots\ \ldots\ldots^2$

(2)

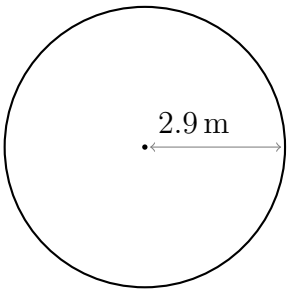


$\text{Area} = \pi r^2$

$\text{Area} = \pi \times (\ldots\ldots\ \ldots\ldots)^2$

$\text{Area} \approx \ldots\ldots\ \ldots\ldots^2$

(3)

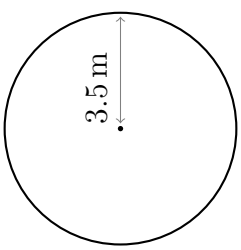


$\text{Area} = \pi r^2$

$\text{Area} = \pi \times (\ldots\ldots\ \ldots\ldots)^2$

$\text{Area} \approx \ldots\ldots\ \ldots\ldots^2$

(4)



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

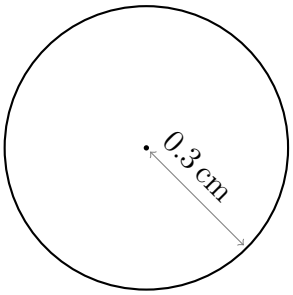
$\text{Area} = \pi \times (\ldots\ldots\ \ldots\ldots)^2$

$\text{Area} \approx \ldots\ldots\ \ldots\ldots^2$

Name: _____ **Date:** _____

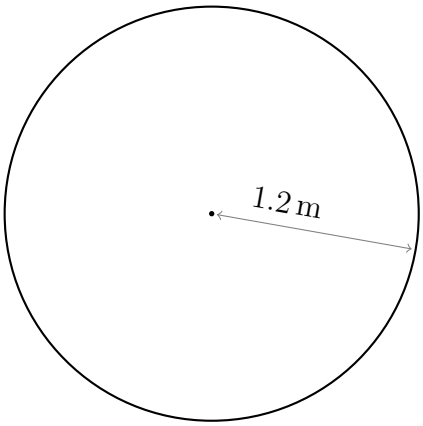
Area of a Circle: Answers

(1)



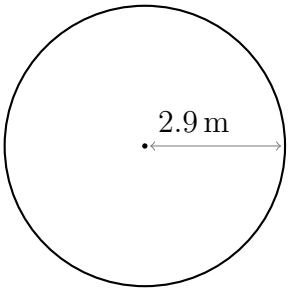
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (0.3\,\text{cm})^2$
$\text{Area} \approx 0.283\,\text{cm}^2$

(2)



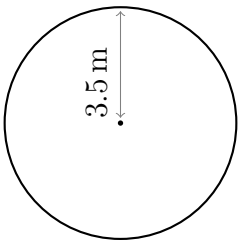
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (1.2\,\text{m})^2$
$\text{Area} \approx 4.524\,\text{m}^2$

(3)



$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (2.9\,\text{m})^2$
$\text{Area} \approx 26.421\,\text{m}^2$

(4)



$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (3.5\,\text{m})^2$
$\text{Area} \approx 38.485\,\text{m}^2$