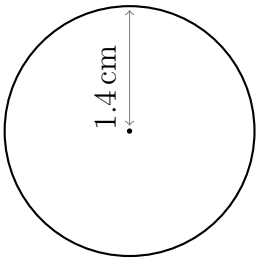
Name: _____ **Date:** _____

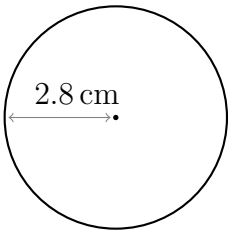
Area of a Circle: Answers

(1)



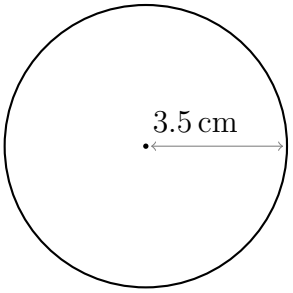
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (1.4\,\text{cm})^2$
$\text{Area} \approx 6.158\,\text{cm}^2$

(2)



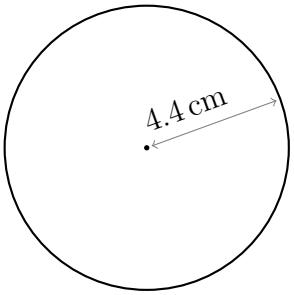
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (2.8\,\text{cm})^2$
$\text{Area} \approx 24.63\,\text{cm}^2$

(3)



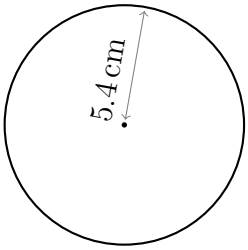
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (3.5\,\text{cm})^2$
$\text{Area} \approx 38.485\,\text{cm}^2$

(4)



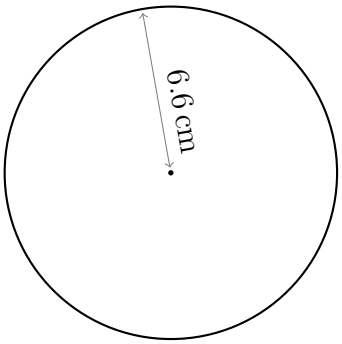
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (4.4\,\text{cm})^2$
$\text{Area} \approx 60.821\,\text{cm}^2$

(5)



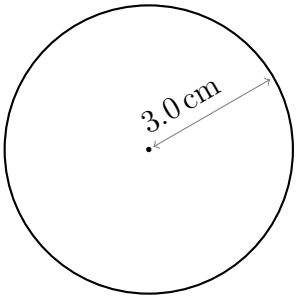
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (5.4\,\text{cm})^2$
$\text{Area} \approx 91.609\,\text{cm}^2$

(6)



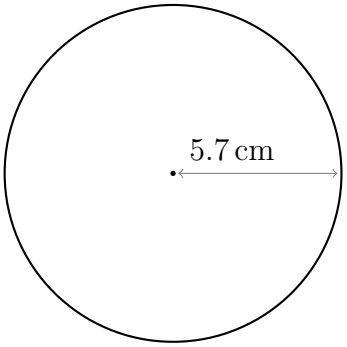
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (6.6\,\text{cm})^2$
$\text{Area} \approx 136.848\,\text{cm}^2$

(7)



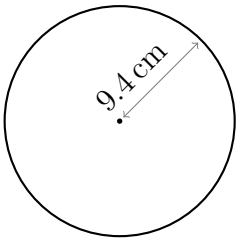
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (3.0\,\text{cm})^2$
$\text{Area} \approx 28.274\,\text{cm}^2$

(8)



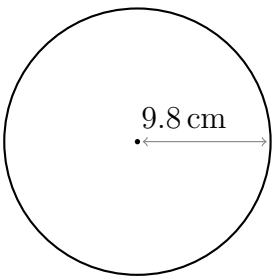
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (5.7\,\text{cm})^2$
$\text{Area} \approx 102.07\,\text{cm}^2$

(9)



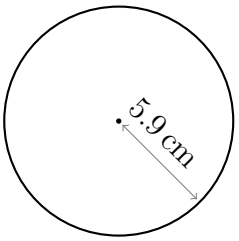
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (9.4\,\text{cm})^2$
$\text{Area} \approx 277.591\,\text{cm}^2$

(10)



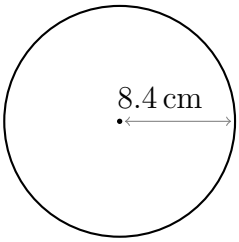
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (9.8\,\text{cm})^2$
$\text{Area} \approx 301.719\,\text{cm}^2$

(11)



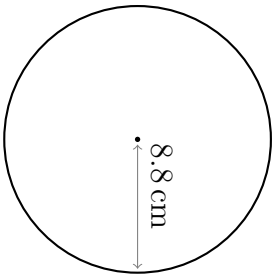
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (5.9\,\text{cm})^2$
$\text{Area} \approx 109.359\,\text{cm}^2$

(12)



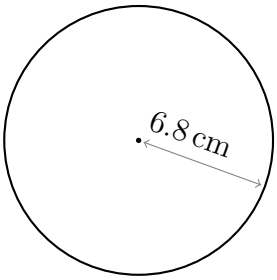
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (8.4\,\text{cm})^2$
$\text{Area} \approx 221.671\,\text{cm}^2$

(13)



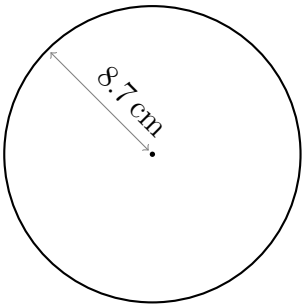
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (8.8\,\text{cm})^2$
$\text{Area} \approx 243.285\,\text{cm}^2$

(14)



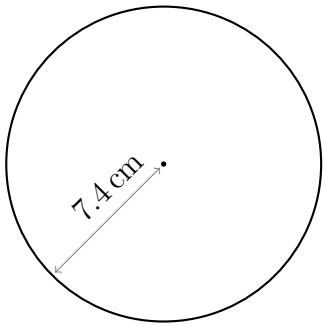
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (6.8\,\text{cm})^2$
$\text{Area} \approx 145.267\,\text{cm}^2$

(15)



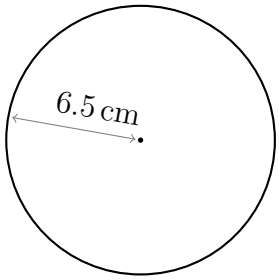
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (8.7\,\text{cm})^2$
$\text{Area} \approx 237.787\,\text{cm}^2$

(16)



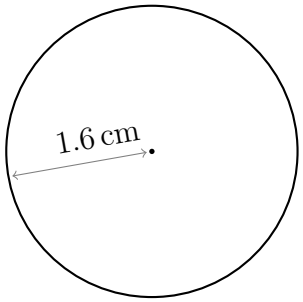
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (7.4\,\text{cm})^2$
$\text{Area} \approx 172.034\,\text{cm}^2$

(17)



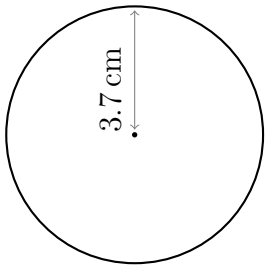
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (6.5\,\text{cm})^2$
$\text{Area} \approx 132.732\,\text{cm}^2$

(18)



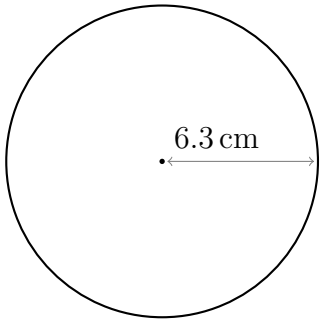
$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (1.6\,\text{cm})^2$
$\text{Area} \approx 8.042\,\text{cm}^2$

(19)



$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (3.7\,\text{cm})^2$
$\text{Area} \approx 43.008\,\text{cm}^2$

(20)



$\text{Area} = \pi r^2$
$\text{Area} = \pi \times (6.3\,\text{cm})^2$
$\text{Area} \approx 124.69\,\text{cm}^2$