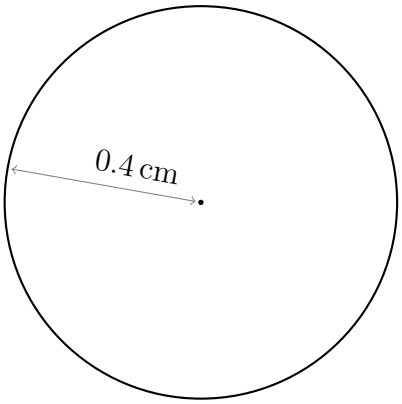
Name: _____ **Date:** _____

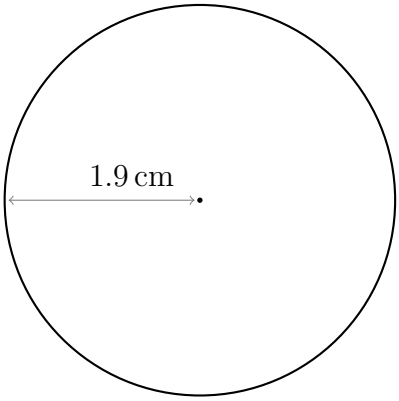
Area of a Circle: Answers

(1)



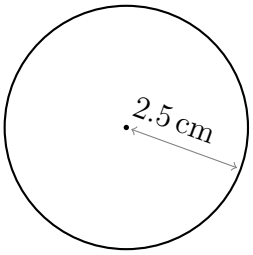
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 0.4\,\text{cm}$
Circumference $\approx 2.513\,\text{cm}$

(2)



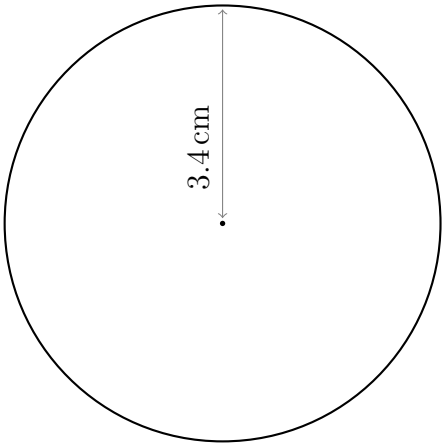
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 1.9\,\text{cm}$
Circumference $\approx 11.938\,\text{cm}$

(3)



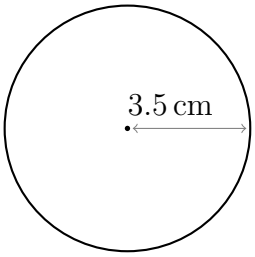
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 2.5\,\text{cm}$
Circumference $\approx 15.708\,\text{cm}$

(4)



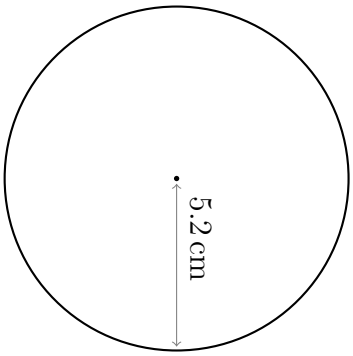
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 3.4\,\text{cm}$
Circumference $\approx 21.363\,\text{cm}$

(5)



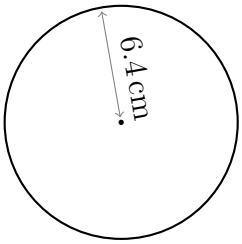
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 3.5\,\text{cm}$
Circumference $\approx 21.991\,\text{cm}$

(6)



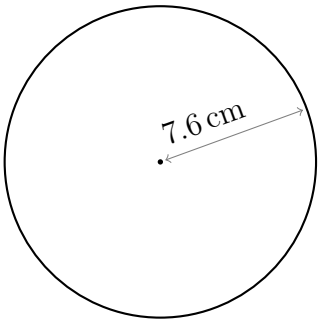
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 5.2\,\text{cm}$
Circumference $\approx 32.673\,\text{cm}$

(7)



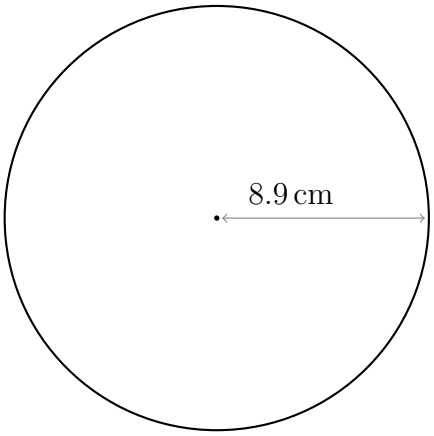
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 6.4\,\text{cm}$
Circumference $\approx 40.212\,\text{cm}$

(8)



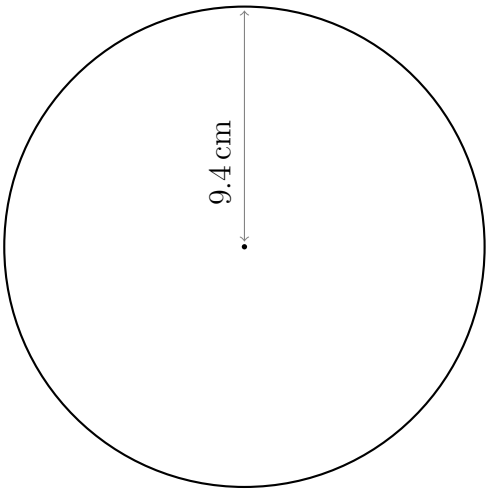
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 7.6\,\text{cm}$
Circumference $\approx 47.752\,\text{cm}$

(9)



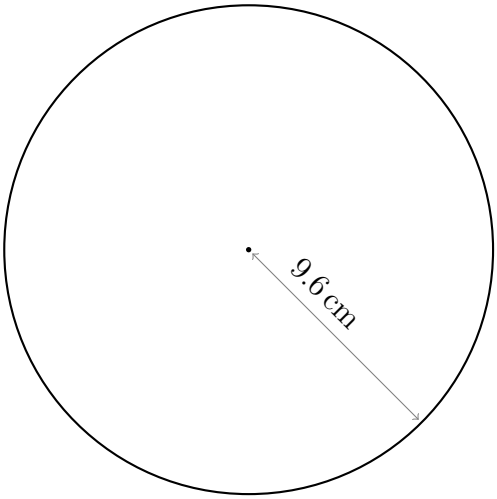
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 8.9\,\text{cm}$
Circumference $\approx 55.92\,\text{cm}$

(10)



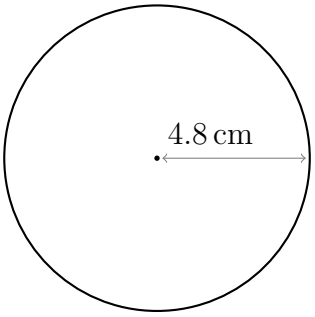
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 9.4\,\text{cm}$
Circumference $\approx 59.062\,\text{cm}$

(11)



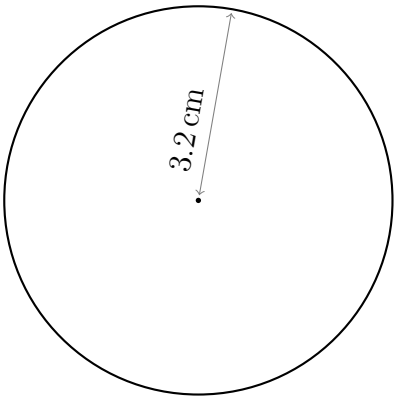
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 9.6\,\text{cm}$
Circumference $\approx 60.319\,\text{cm}$

(12)



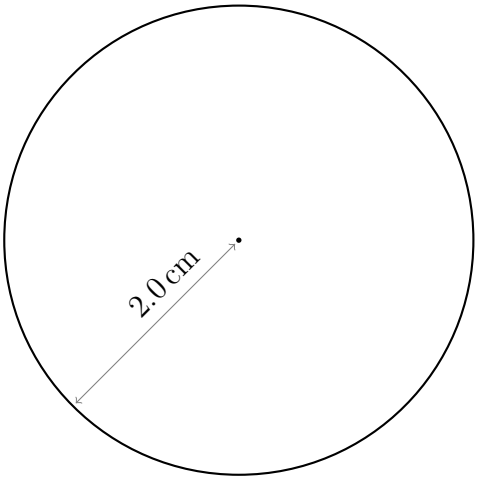
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 4.8\,\text{cm}$
Circumference $\approx 30.159\,\text{cm}$

(13)



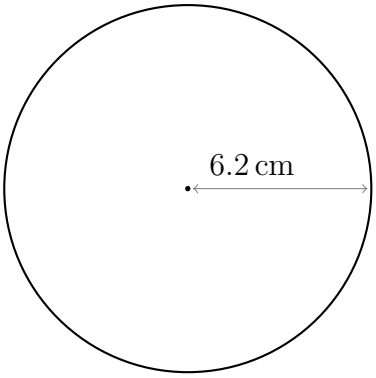
Circumference $= 2\pi r$
Circumference $= 2 \times \pi \times 3.2\,\text{cm}$
Circumference $\approx 20.106\,\text{cm}$

(14)



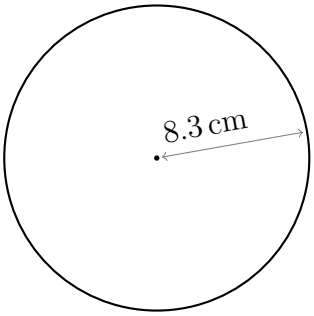
$\text{Circumference} = 2\pi r$
$\text{Circumference} = 2 \times \pi \times 2.0\,\text{cm}$
$\text{Circumference} \approx 12.566\,\text{cm}$

(15)



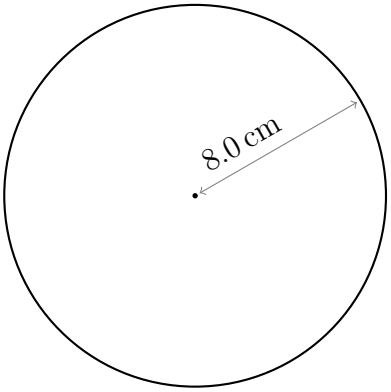
$\text{Circumference} = 2\pi r$
$\text{Circumference} = 2 \times \pi \times 6.2\,\text{cm}$
$\text{Circumference} \approx 38.956\,\text{cm}$

(16)



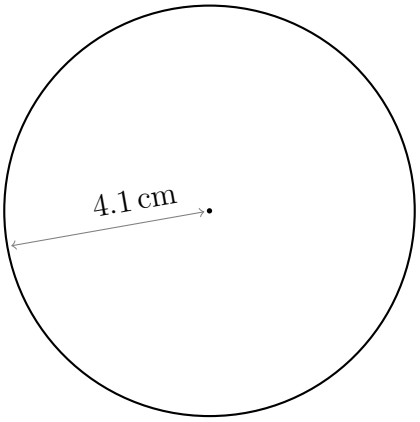
$\text{Circumference} = 2\pi r$
$\text{Circumference} = 2 \times \pi \times 8.3\,\text{cm}$
$\text{Circumference} \approx 52.15\,\text{cm}$

(17)



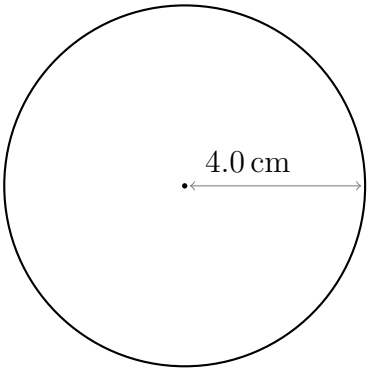
$\text{Circumference} = 2\pi r$
$\text{Circumference} = 2 \times \pi \times 8.0\,\text{cm}$
$\text{Circumference} \approx 50.265\,\text{cm}$

(18)



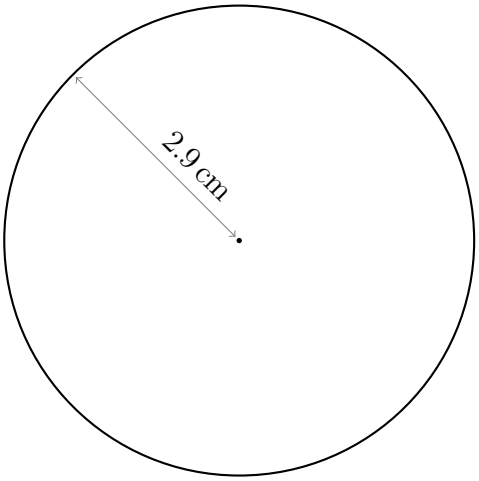
$\text{Circumference} = 2\pi r$
$\text{Circumference} = 2 \times \pi \times 4.1\,\text{cm}$
$\text{Circumference} \approx 25.761\,\text{cm}$

(19)



$\text{Circumference} = 2\pi r$
$\text{Circumference} = 2 \times \pi \times 4.0\,\text{cm}$
$\text{Circumference} \approx 25.133\,\text{cm}$

(20)



$\text{Circumference} = 2\pi r$
$\text{Circumference} = 2 \times \pi \times 2.9\,\text{cm}$
$\text{Circumference} \approx 18.221\,\text{cm}$