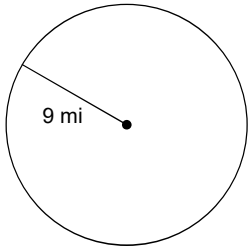


Assignment

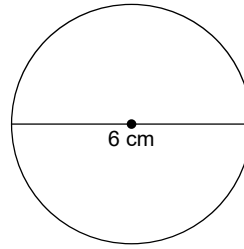
Find the circumference. Use your calculator's value of π . Round answers to the nearest tenth.

1)



56.5 mi

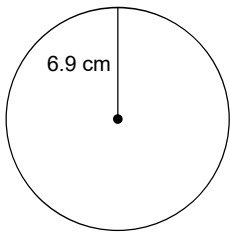
2)



18.8 cm

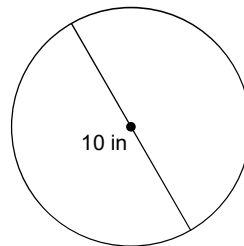
Find the area. Use your calculator's value of π . Round your answers to the nearest tenth.

3)



149.6 cm²

4)



78.5 in²

Find the diameter of each circle. Use your calculator's π . Round answers to the nearest tenth.

5) circumference = 12.6 in

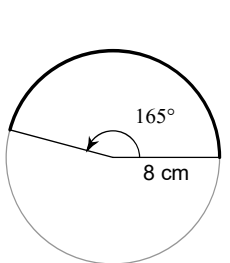
4 in

6) area = 78.5 yd²

10 yd

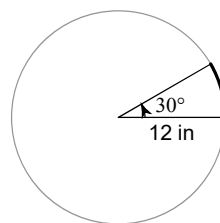
Find the length of each arc. Leave your answers in terms of π .

7)



$\frac{22\pi}{3}$ cm

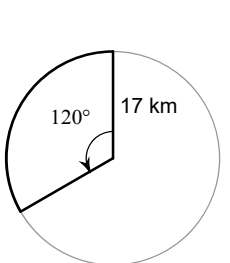
8)



2π in

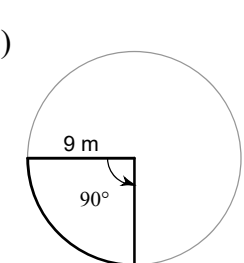
Find the area of each sector. Leave your answers in terms of π .

9)



$\frac{289\pi}{3}$ km²

10)



$\frac{81\pi}{4}$ m²