

Circles Worksheet 5

1. Given $r = 2.0$ cm and $\theta = \frac{\pi}{3}$, find s .
2. Given $r = 9.4$ mm and $\theta = \frac{\pi}{4}$, find s .
3. Given $s = 20$ ft and $\theta = 90^\circ$, find r .
4. Given $s = 10.2$ mi and $\theta = 30^\circ$, find r .
5. Given $s = 43.2$ m and $r = 21.4$ m, find θ .
6. Given $s = 99.2$ mm and $r = 87.4$ mm, find θ .
7. Given $r = 4.5$ in and $\theta = \frac{\pi}{6}$, find the area of the sector.
8. Given $r = 1.25$ ft and $\theta = \frac{\pi}{8}$, find the area of the sector.
9. Given $A = 19.2$ in² and $\theta = \frac{\pi}{4}$, find r .
10. Given $A = 6.10$ mm² and $r = 3.40$ mm, find θ .