Radius	Angle	Arc Length	Perimeter
8 cm	90°	$\frac{90}{360} \times \pi \times 2 \times 8 = 12.6\ cm$	28.6 cm
7 cm	45°	$\frac{45}{360} \times \pi \times 2 \times 7 = 5.5\ cm$	19.5 cm
15 mm	60°	$\frac{60}{360} \times \pi \times 2 \times 15 = 15.7\ mm$	45.7 mm
4 cm	75°	$\frac{75}{360} \times \pi \times 2 \times 4 = 5.2\ cm$	13.2 cm
1.8 m	130°	$\frac{130}{360} \times \pi \times 2 \times 1.8 = 4.1\ m$	7.7 m
82 mm	335°	$\frac{335}{360} \times \pi \times 2 \times 82 = 479.4\ mm$	643.4 mm
11 cm	275°	$\frac{275}{360} \times \pi \times 2 \times 11 = 52.8\ cm$	74.8 cm
9 mm	32°	$\frac{32}{360} \times \pi \times 2 \times 9 = 5.0\ mm$	23.0 mm
10 cm	80°	$\frac{80}{360} \times \pi \times 2 \times 10 = 13.96\ cm$	33.96 cm
25 mm	215°	$\frac{215}{360} \times \pi \times 2 \times 25 = 93.81\ mm$	143.81 mm
2 m	30°	$\frac{30}{360} \times \pi \times 2 \times 2 = 1.05\ m$	5.05 m
8.9 cm	112°	$\frac{112}{360} \times \pi \times 2 \times 8.9 = 17.4\ cm$	35.2 cm
5.5 cm	48°	$\frac{48}{360} \times \pi \times 2 \times 5.5 = 4.61\ cm$	15.61 cm
22 mm	144°	$\frac{144}{360} \times \pi \times 2 \times 22 = 55.29\ mm$	99.29 mm