

3-4-8 Circles Practice

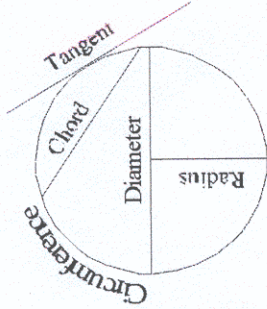
Circumference = Pi times diameter

$C = \pi d$

or

Circumference = Pi times 2 times radius

$C = 2\pi r$



↓
Rounded
to hundredths
using π button

Radius	Diameter	$\pi(\text{Pi})$	Circumference
3 in	6	$\times 3.14 =$	18.84 in
9 feet	18	$\times 3.14 =$	56.52 ft
7 miles	14	$\times 3.14 =$	43.98 mi
6 cm	12	$\times 3.14 =$	37.68 cm
0.8 km	1.6	$\times \pi =$	5.03 km
2.3 feet	4.6	$\times \pi =$	14.45 ft
15 yards	30	$\times \pi =$	94.25 yds
1.5 cm	3	$\times \pi =$	9.42 cm
10 in	20	$\times \pi =$	62.83 in
7.3 km	14.6	$\times \pi =$	45.87 km
4 miles	8	$\times \pi =$	25.13 mi
33 feet	66	$\times \pi =$	207.35 ft
29 cm	58	$\times \pi =$	182.21 cm
2 yards	4	$\times \pi =$	12.57 yds
17 in	34	$\times \pi =$	106.81 in

Area = Radius times Radius times Pi
 $A = \pi r^2$

Diameter	Radius	Radius	Pi	Area
24 feet	12	$\times 12$	$\times 3.14 =$	452.16 sq ft
10	5 in.	$\times 5$	$\times 3.14 =$	78.5 sq in
12 mi	6	$\times 6$	$\times 3.14 =$	113.04 sq mi
13 in	6.5	$\times 6.5$	$\times 3.14 =$	20.41 sq in.
0.56 cm.	0.28	$\times 0.28$	$\times \pi =$	0.25 cm ²
2.8 yards	1.4	$\times 1.4$	$\times \pi =$	6.16 sq yds
9	4.5 cm	$\times 4.5$	$\times \pi =$	63.62 cm ²
8.3 miles	4.15	$\times 4.15$	$\times \pi =$	54.11 cm ²
18	9 mi.	$\times 9$	$\times \pi =$	254.47 sq mi.
7 in.	3.5	$\times 3.5$	$\times \pi =$	38.48 in ²
24	12 km	$\times 12$	$\times \pi =$	452.39 km ²
27 yards	13.5	$\times 13.5$	$\times \pi =$	572.56 sq yds
63 miles	31.5	$\times 31.5$	$\times \pi =$	3117.25 mi ²
4.4	2.2 cm	$\times 2.2$	$\times \pi =$	15.21 cm ²
6	3 in	$\times 3$	$\times \pi =$	28.27 in ²