

Calculate the area of each circle to the nearest tenth of a degree using the information about the circumference.

1) circumference = 30.8 cm

2) circumference = 29.5 cm

3) circumference = 56.5 cm

4) circumference = 19.5 mi

5) circumference = 18.2 yd

6) circumference = 45.2 yd

7) circumference = 71.6 ft

8) circumference = 31.4 yd

9) circumference = 37.7 ft

10) circumference = 44 ft

11) circumference = 62.8 in

12) circumference = 69.1 in

13) circumference = 12.6 km

14) circumference = 25.1 in

15) circumference = 75.4 m

16) circumference = 67.2 yd

17) circumference = 30.2 ft

18) circumference = 57.2 ft

19) circumference = 55.9 in

20) circumference = 45.9 in

21) circumference = 44.6 in

22) circumference = 34.6 km

23) circumference = 33.9 m

24) circumference = 60.3 m

25) circumference = 23.2 m

26) circumference = 18.8 cm

27) circumference = 50.3 yd

28) circumference = 72.3 cm

29) circumference = 35.2 mi

30) circumference = 60.9 mi

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|---------------------------|---------------------------|---------------------------|---------------------------|
| 1) 75.5 cm ² | 2) 69.3 cm ² | 3) 254 cm ² | 4) 30.3 mi ² |
| 5) 26.4 yd ² | 6) 162.6 yd ² | 7) 408 ft ² | 8) 78.5 yd ² |
| 9) 113.1 ft ² | 10) 154.1 ft ² | 11) 313.8 in ² | 12) 380 in ² |
| 13) 12.6 km ² | 14) 50.1 in ² | 15) 452.4 m ² | 16) 359.4 yd ² |
| 17) 72.6 ft ² | 18) 260.4 ft ² | 19) 248.7 in ² | 20) 167.7 in ² |
| 21) 158.3 in ² | 22) 95.3 km ² | 23) 91.5 m ² | 24) 289.4 m ² |
| 25) 42.8 m ² | 26) 28.1 cm ² | 27) 201.3 yd ² | 28) 416 cm ² |
| 29) 98.6 mi ² | 30) 295.1 mi ² | | |