

**Calculate the area of each circle from the diameter and round the result to the nearest tenth of a degree.**

1) diameter = 15.4 km

2) diameter = 15 in

3) diameter = 23.6 km

4) diameter = 11.8 km

5) diameter = 11.4 m

6) diameter = 20 m

7) diameter = 8.2 cm

8) diameter = 8 m

9) diameter = 16.4 cm

10) diameter = 4.6 cm

11) diameter = 18 mi

12) diameter = 24 mi

13) diameter = 6 yd

14) diameter = 10 yd

15) diameter = 12 ft

16) diameter = 16 ft

17) diameter = 22 ft

18) diameter = 4 m

19) diameter = 23.4 mi

20) diameter = 20.2 mi

21) diameter = 19.8 mi

22) diameter = 16.6 yd

23) diameter = 13 ft

24) diameter = 12.8 in

25) diameter = 21.2 in

26) diameter = 9.6 km

27) diameter = 14 m

28) diameter = 4.8 km

29) diameter = 13.4 m

30) diameter = 21.4 cm

- |                           |                           |                           |                           |
|---------------------------|---------------------------|---------------------------|---------------------------|
| 1) 186.3 km <sup>2</sup>  | 2) 176.7 in <sup>2</sup>  | 3) 437.4 km <sup>2</sup>  | 4) 109.4 km <sup>2</sup>  |
| 5) 102.1 m <sup>2</sup>   | 6) 314.2 m <sup>2</sup>   | 7) 52.8 cm <sup>2</sup>   | 8) 50.3 m <sup>2</sup>    |
| 9) 211.2 cm <sup>2</sup>  | 10) 16.6 cm <sup>2</sup>  | 11) 254.5 mi <sup>2</sup> | 12) 452.4 mi <sup>2</sup> |
| 13) 28.3 yd <sup>2</sup>  | 14) 78.5 yd <sup>2</sup>  | 15) 113.1 ft <sup>2</sup> | 16) 201.1 ft <sup>2</sup> |
| 17) 380.1 ft <sup>2</sup> | 18) 12.6 m <sup>2</sup>   | 19) 430.1 mi <sup>2</sup> | 20) 320.5 mi <sup>2</sup> |
| 21) 307.9 mi <sup>2</sup> | 22) 216.4 yd <sup>2</sup> | 23) 132.7 ft <sup>2</sup> | 24) 128.7 in <sup>2</sup> |
| 25) 353 in <sup>2</sup>   | 26) 72.4 km <sup>2</sup>  | 27) 153.9 m <sup>2</sup>  | 28) 18.1 km <sup>2</sup>  |
| 29) 141 m <sup>2</sup>    | 30) 359.7 cm <sup>2</sup> |                           |                           |