

14-1 Circles - Area & Circumference (ver3)_hw

Date _____

Period _____

Find the area of each circle. Round your answer to the nearest tenth.

1) circumference = 45.2 ft

2) circumference = 20.1 ft

3) circumference = 34.6 km

4) circumference = 72.9 m

5) circumference = 23.9 km

6) circumference = 35.8 cm

7) circumference = 25.1 cm

8) circumference = 60.9 km

9) circumference = 62.8 cm

10) circumference = 72.3 in

11) circumference = 50.3 m

12) circumference = 69.1 km

13) circumference = 44 km

14) circumference = 56.5 ft

15) circumference = 75.4 cm

16) circumference = 18.8 yd

17) circumference = 35.2 in

18) circumference = 37.7 mi

19) circumference = 12.6 cm

20) circumference = 46.5 ft

Find the circumference of each circle. Round your answer to the nearest tenth.

21) area = 201.1 yd²

22) area = 113.1 m²

23) area = 301.7 cm²

24) area = 15.2 yd²

25) area = 314.2 m²

26) area = 153.9 in²

27) area = 120.8 km²

28) area = 12.6 yd²

29) area = 98.5 m²

30) area = 124.7 yd²

31) area = 452.4 in²

32) area = 211.2 ft²

33) area = 47.8 in²

34) area = 50.3 cm²

35) area = 13.9 in²

36) area = 128.7 km²

37) area = 380.1 in²

38) area = 45.4 mi²

39) area = 346.4 ft²

40) area = 78.5 ft²

Answers to 14-1 Circles - Area & Circumference (ver3)_hw

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|---------------------------|---------------------------|---------------------------|---------------------------|
| 1) 162.6 ft ² | 2) 32.2 ft ² | 3) 95.3 km ² | 4) 422.9 m ² |
| 5) 45.5 km ² | 6) 102 cm ² | 7) 50.1 cm ² | 8) 295.1 km ² |
| 9) 313.8 cm ² | 10) 416 in ² | 11) 201.3 m ² | 12) 380 km ² |
| 13) 154.1 km ² | 14) 254 ft ² | 15) 452.4 cm ² | 16) 28.1 yd ² |
| 17) 98.6 in ² | 18) 113.1 mi ² | 19) 12.6 cm ² | 20) 172.1 ft ² |
| 21) 50.3 yd | 22) 37.7 m | 23) 61.6 cm | 24) 13.8 yd |
| 25) 62.8 m | 26) 44 in | 27) 39 km | 28) 12.6 yd |
| 29) 35.2 m | 30) 39.6 yd | 31) 75.4 in | 32) 51.5 ft |
| 33) 24.5 in | 34) 25.1 cm | 35) 13.2 in | 36) 40.2 km |
| 37) 69.1 in | 38) 23.9 mi | 39) 66 ft | 40) 31.4 ft |