PREMGENIEJPG.jpg

Solve: Find the missing values.

1. Radius: _____
   Surface Area: 50.24
   Volume: _____

2. Radius: _____
   Surface Area: 113.04
   Volume: _____

3. Radius: _____
   Surface Area: _____
   Volume: 267.95

4. Radius: 5
   Surface Area: _____
   Volume: _____

5. Radius: _____
   Surface Area: _____
   Volume: 5,572.45

6. Radius: 13
   Surface Area: _____
   Volume: _____

7. Radius: _____
   Surface Area: 2,461.76
   Volume: _____

8. Radius: _____
   Surface Area: 3,215.36
   Volume: _____

9. Radius: 19
   Surface Area: _____
   Volume: _____

10. Radius: 21
    Surface Area: _____
    Volume: _____

11. Radius: _____
    Surface Area: _____
    Volume: 82,406.16

12. Radius: 30
    Surface Area: _____
    Volume: _____

13. Radius: _____
    Surface Area: 12,861.44
    Volume: _____

14. Radius: _____
    Surface Area: _____
    Volume: 164,552.75

15. Radius: 36
    Surface Area: _____
    Volume: _____

16. Radius: 38
    Surface Area: _____
    Volume: _____

17. Radius: _____
    Surface Area: 23,223.44
    Volume: _____

18. Radius: _____
    Surface Area: 25,434.0
    Volume: _____

19. Radius: _____
    Surface Area: _____
    Volume: 407,513.39

20. Radius: 48
    Surface Area: _____
    Volume: _____

Answer Key

1. Radius : 2
   Volume : 33.49

2. Volume : 113.04
   Radius : 3

3. Radius : 4
   Surface Area : 200.96

4. Surface Area : 314.0
   Volume : 523.33

5. Radius : 11
   Surface Area : 1,519.76

6. Surface Area : 2,122.64
   Volume : 9,198.11

7. Radius : 14
   Volume : 11,488.21

8. Volume : 17,148.59
   Radius : 16

9. Volume : 28,716.35
   Surface Area : 4,534.16

10. Surface Area : 5,538.96
    Volume : 38,772.72

11. Surface Area : 9,156.24
    Radius : 27

12. Surface Area : 11,304.0
    Volume : 113,040.0

13. Radius : 32
    Volume : 137,188.69

14. Surface Area : 14,519.36
    Radius : 34

15. Volume : 195,333.12
    Surface Area : 16,277.76

16. Volume : 229,730.77
    Surface Area : 18,136.64

17. Volume : 332,869.31
    Radius : 43

18. Volume : 381,510.0
    Radius : 45

19. Surface Area : 26,576.96
    Radius : 46

20. Surface Area : 28,938.24
    Volume : 463,011.84