Grade 6 Geometry Worksheet

Name: _____ Date: _____ Score: _____

Answer each geometry question. Write your answer on the line.

1. What is the volume of a cube with side length 5?

_____

2. What is the volume of a cube with side length 4?

_____

3. What is the volume of a rectangular prism that is 10 × 4 × 8?

_____

4. What is the volume of a rectangular prism that is 9 × 3 × 3?

_____

5. What is the volume of a rectangular prism that is 9 × 2 × 10?

_____

6. What is the volume of a cube with side length 6?

_____

7. What is the volume of a rectangular prism that is 2 × 5 × 6?

_____

8. What is the volume of a cube with side length 3?

_____

9. What is the volume of a rectangular prism that is 8 × 6 × 5?

_____

10. What is the volume of a rectangular prism that is 7 × 6 × 3?

_____

11. What is the volume of a rectangular prism that is 4 × 9 × 3?

_____

12. What is the volume of a rectangular prism that is 5 × 5 × 9?

_____

13. What is the volume of a cube with side length 8?

_____

14. What is the volume of a rectangular prism that is 9 × 9 × 6?

_____

15. What is the volume of a rectangular prism that is 3 × 10 × 7?

_____

16. What is the volume of a rectangular prism that is 8 × 5 × 2?

_____

17. What is the volume of a rectangular prism that is 10 × 6 × 9?

_____

18. What is the volume of a rectangular prism that is 4 × 5 × 8?

_____

19. What is the volume of a rectangular prism that is 4 × 3 × 6?

_____

20. What is the volume of a rectangular prism that is 10 × 8 × 9?

_____

21. What is the volume of a rectangular prism that is 8 × 9 × 2?

_____

22. What is the volume of a rectangular prism that is 4 × 8 × 2?

_____

23. What is the volume of a cube with side length 7?

_____

24. What is the volume of a rectangular prism that is 2 × 9 × 9?

_____

25.

26.

27.

28.

What is the volume of a rectangular prism that is 2 × 2 × 8?

_____

What is the volume of a rectangular prism that is 6 × 9 × 7?

_____

What is the volume of a rectangular prism that is 9 × 7 × 5?

_____

What is the volume of a rectangular prism that is 7 × 3 × 6?

_____

29. What is the volume of a rectangular prism that is 6 × 6 × 4?

_____

30. What is the volume of a cube with side length 2?

_____

31. What is the volume of a rectangular prism that is 5 × 3 × 5?

_____

32. What is the volume of a rectangular prism that is 10 × 7 × 5?

_____

33. What is the volume of a rectangular prism that is 10 × 9 × 2?

_____

34. What is the volume of a rectangular prism that is 10 × 8 × 7?

_____

35. What is the volume of a rectangular prism that is 8 × 10 × 8?

_____

36. What is the volume of a rectangular prism that is 5 × 5 × 8?

_____

37. What is the volume of a rectangular prism that is 3 × 9 × 3?

_____

38. What is the volume of a rectangular prism that is 3 × 9 × 2?

_____

39. What is the volume of a rectangular prism that is 3 × 8 × 8?

_____

40. What is the volume of a rectangular prism that is 10 × 5 × 3?

_____

ANSWER KEY

Grade 6 Geometry Worksheet

1. What is the volume of a cube with side length 5?
   125
2. What is the volume of a cube with side length 4?
   64
3. What is the volume of a rectangular prism that is 10 × 4 × 8?
   320
4. What is the volume of a rectangular prism that is 9 × 3 × 3?
   81
5. What is the volume of a rectangular prism that is 9 × 2 × 10?
   180
6. What is the volume of a cube with side length 6?
   216
7. What is the volume of a rectangular prism that is 2 × 5 × 6?
   60
8. What is the volume of a cube with side length 3?
   27
9. What is the volume of a rectangular prism that is 8 × 6 × 5?
   240
10. What is the volume of a rectangular prism that is 7 × 6 × 3?
    126
11. What is the volume of a rectangular prism that is 4 × 9 × 3?
    108
12. What is the volume of a rectangular prism that is 5 × 5 × 9?
    225
13. What is the volume of a cube with side length 8?
    512
14. What is the volume of a rectangular prism that is 9 × 9 × 6?
    486
15. What is the volume of a rectangular prism that is 3 × 10 × 7?
    210
16. What is the volume of a rectangular prism that is 8 × 5 × 2?
    80
17. What is the volume of a rectangular prism that is 10 × 6 × 9?
    540
18. What is the volume of a rectangular prism that is 4 × 5 × 8?
    160
19. What is the volume of a rectangular prism that is 4 × 3 × 6?
    72
20. What is the volume of a rectangular prism that is 10 × 8 × 9?
    720
21. What is the volume of a rectangular prism that is 8 × 9 × 2?
    144
22. What is the volume of a rectangular prism that is 4 × 8 × 2?
    64
23. What is the volume of a cube with side length 7?
    343
24. What is the volume of a rectangular prism that is 2 × 9 × 9?
    162
25. What is the volume of a rectan-
26. What is the volume of a rectan-
27. What is the volume of a rectan-
28. What is the volume of a rectan-

gular prism that is 2 × 2 × 8?

32

gular prism that is 6 × 9 × 7?

378

gular prism that is 9 × 7 × 5?

315

gular prism that is 7 × 3 × 6?

126

29. What is the volume of a rectangular prism that is 6 × 6 × 4?

    144

30. What is the volume of a cube with side length 2?

    8

31. What is the volume of a rectangular prism that is 5 × 3 × 5?

    75

32. What is the volume of a rectangular prism that is 10 × 7 × 5?

    350

33. What is the volume of a rectangular prism that is 10 × 9 × 2?

    180

34. What is the volume of a rectangular prism that is 10 × 8 × 7?

    560

35. What is the volume of a rectangular prism that is 8 × 10 × 8?

    640

36. What is the volume of a rectangular prism that is 5 × 5 × 8?

    200

37. What is the volume of a rectangular prism that is 3 × 9 × 3?

    81

38. What is the volume of a rectangular prism that is 3 × 9 × 2?

    54

39. What is the volume of a rectangular prism that is 3 × 8 × 8?

    192

40. What is the volume of a rectangular prism that is 10 × 5 × 3?

    150