

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 $10 \times 4 \times 8$?
_____ | 4. What is the volume of a rectangular prism that is $9 \times 3 \times 3$?
_____ |
| 5. What is the volume of a rectangular prism that is $9 \times 2 \times 10$?
_____ | 6. What is the volume of a cube with side length 6?
_____ | 7. What is the volume of a rectangular prism that is $2 \times 5 \times 6$?
_____ | 8. What is the volume of a cube with side length 3?
_____ |
| 9. What is the volume of a rectangular prism that is $8 \times 6 \times 5$?
_____ | 10. What is the volume of a rectangular prism that is $7 \times 6 \times 3$?
_____ | 11. What is the volume of a rectangular prism that is $4 \times 9 \times 3$?
_____ | 12. What is the volume of a rectangular prism that is $5 \times 5 \times 9$?
_____ |
| 13. What is the volume of a cube with side length 8?
_____ | 14. What is the volume of a rectangular prism that is $9 \times 9 \times 6$?
_____ | 15. What is the volume of a rectangular prism that is $3 \times 10 \times 7$?
_____ | 16. What is the volume of a rectangular prism that is $8 \times 5 \times 2$?
_____ |
| 17. What is the volume of a rectangular prism that is $10 \times 6 \times 9$?
_____ | 18. What is the volume of a rectangular prism that is $4 \times 5 \times 8$?
_____ | 19. What is the volume of a rectangular prism that is $4 \times 3 \times 6$?
_____ | 20. What is the volume of a rectangular prism that is $10 \times 8 \times 9$?
_____ |
| 21. What is the volume of a rectangular prism that is $8 \times 9 \times 2$?
_____ | 22. What is the volume of a rectangular prism that is $4 \times 8 \times 2$?
_____ | 23. What is the volume of a cube with side length 7?
_____ | 24. What is the volume of a rectangular prism that is $2 \times 9 \times 9$?
_____ |

25. What is the volume of a rectangular prism that is $2 \times 2 \times 8$?

26. What is the volume of a rectangular prism that is $6 \times 9 \times 7$?

27. What is the volume of a rectangular prism that is $9 \times 7 \times 5$?

28. What is the volume of a rectangular prism that is $7 \times 3 \times 6$?

29. What is the volume of a rectangular prism that is $6 \times 6 \times 4$?

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

31. What is the volume of a rectangular prism that is $5 \times 3 \times 5$?

32. What is the volume of a rectangular prism that is $10 \times 7 \times 5$?

33. What is the volume of a rectangular prism that is $10 \times 9 \times 2$?

34. What is the volume of a rectangular prism that is $10 \times 8 \times 7$?

35. What is the volume of a rectangular prism that is $8 \times 10 \times 8$?

36. What is the volume of a rectangular prism that is $5 \times 5 \times 8$?

37. What is the volume of a rectangular prism that is $3 \times 9 \times 3$?

38. What is the volume of a rectangular prism that is $3 \times 9 \times 2$?

39. What is the volume of a rectangular prism that is $3 \times 8 \times 8$?

40. What is the volume of a rectangular prism that is $10 \times 5 \times 3$?

ANSWER KEY

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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 $10 \times 4 \times 8$?
320
4. What is the volume of a rectangular prism that is $9 \times 3 \times 3$?
81
5. What is the volume of a rectangular prism that is $9 \times 2 \times 10$?
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 $2 \times 5 \times 6$?
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 $8 \times 6 \times 5$?
240
10. What is the volume of a rectangular prism that is $7 \times 6 \times 3$?
126
11. What is the volume of a rectangular prism that is $4 \times 9 \times 3$?
108
12. What is the volume of a rectangular prism that is $5 \times 5 \times 9$?
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 $9 \times 9 \times 6$?
486
15. What is the volume of a rectangular prism that is $3 \times 10 \times 7$?
210
16. What is the volume of a rectangular prism that is $8 \times 5 \times 2$?
80
17. What is the volume of a rectangular prism that is $10 \times 6 \times 9$?
540
18. What is the volume of a rectangular prism that is $4 \times 5 \times 8$?
160
19. What is the volume of a rectangular prism that is $4 \times 3 \times 6$?
72
20. What is the volume of a rectangular prism that is $10 \times 8 \times 9$?
720

21. What is the volume of a rectangular prism that is $8 \times 9 \times 2$?
144
22. What is the volume of a rectangular prism that is $4 \times 8 \times 2$?
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 $2 \times 9 \times 9$?
162
25. What is the volume of a rectangular prism that is $2 \times 2 \times 8$?
32
26. What is the volume of a rectangular prism that is $6 \times 9 \times 7$?
378
27. What is the volume of a rectangular prism that is $9 \times 7 \times 5$?
315
28. What is the volume of a rectangular prism that is $7 \times 3 \times 6$?
126
29. What is the volume of a rectangular prism that is $6 \times 6 \times 4$?
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 $5 \times 3 \times 5$?
75
32. What is the volume of a rectangular prism that is $10 \times 7 \times 5$?
350
33. What is the volume of a rectangular prism that is $10 \times 9 \times 2$?
180
34. What is the volume of a rectangular prism that is $10 \times 8 \times 7$?
560
35. What is the volume of a rectangular prism that is $8 \times 10 \times 8$?
640
36. What is the volume of a rectangular prism that is $5 \times 5 \times 8$?
200
37. What is the volume of a rectangular prism that is $3 \times 9 \times 3$?
81
38. What is the volume of a rectangular prism that is $3 \times 9 \times 2$?
54
39. What is the volume of a rectangular prism that is $3 \times 8 \times 8$?
192
40. What is the volume of a rectangular prism that is $10 \times 5 \times 3$?
150