

Grade 5 Volume And Geometry Challenge Worksheet

Set 018

Grade 5 · Volume And Geometry · Challenge

Name: _____ Date: _____

Complete every item. Choose the best answer when options are provided. Show your work for each math problem.

1. Find the volume of a rectangular prism that is 7 units long, 6 units wide, and 7 units high.

Answer: _____

2. Find the volume of a rectangular prism that is 3 units long, 4 units wide, and 2 units high.

Answer: _____

3. A rectangular prism has a volume of 60 cubic units, a length of 4 units, and a width of 3 units. What is its height?

Answer: _____

4. Find the volume of a rectangular prism that is 8 units long, 6 units wide, and 3 units high.

Answer: _____

5. Find the volume of a rectangular prism that is 4 units long, 6 units wide, and 4 units high.

Answer: _____

6. A rectangular prism has a volume of 84 cubic units, a length of 3 units, and a width of 7 units. What is its height?

Answer: _____

7. Find the volume of a rectangular prism that is 3 units long, 7 units wide, and 6 units high.

Answer: _____

8. Find the volume of a rectangular prism that is 7 units long, 2 units wide, and 7 units high.

Answer: _____

9. A rectangular prism has a volume of 40 cubic units, a length of 4 units, and a width of 2 units. What is its height?

Answer: _____

10. Find the volume of a rectangular prism that is 9 units long, 4 units wide, and 5 units high.

Answer: _____

11. Find the volume of a rectangular prism that is 3 units long, 4 units wide, and 7 units high.

Answer: _____

12. A rectangular prism has a volume of 150 cubic units, a length of 5 units, and a width of 5 units. What is its height?

Answer: _____

13. Find the volume of a rectangular prism that is 8 units long, 2 units wide, and 7 units high.

Answer: _____

14. Find the volume of a rectangular prism that is 4 units long, 5 units wide, and 3 units high.

Answer: _____

15. A rectangular prism has a volume of 36 cubic units, a length of 3 units, and a width of 6 units. What is its height?

Answer: _____

16. Find the volume of a rectangular prism that is 8 units long, 6 units wide, and 2 units high.

Answer: _____

17. Find the volume of a rectangular prism that is 3 units long, 3 units wide, and 5 units high.

Answer: _____

18. A rectangular prism has a volume of 160 cubic units, a length of 8 units, and a width of 4 units. What is its height?

Answer: _____

19. Find the volume of a rectangular prism that is 6 units long, 7 units wide, and 4 units high.

Answer: _____

20. Find the volume of a rectangular prism that is 4 units long, 2 units wide, and 6 units high.

Answer: _____

21. A rectangular prism has a volume of 90 cubic units, a length of 6 units, and a width of 3 units. What is its height?

Answer: _____

22. Find the volume of a rectangular prism that is 9 units long, 4 units wide, and 7 units high.

Answer: _____

23. Find the volume of a rectangular prism that is 7 units long, 5 units wide, and 6 units high.

Answer: _____

24. A rectangular prism has a volume of 96 cubic units, a length of 8 units, and a width of 4 units. What is its height?

Answer: _____

Answer Key

Answers for all 24 questions

1. 294	2. 24
3. 5	4. 144
5. 96	6. 4
7. 126	8. 98
9. 5	10. 180
11. 84	12. 6
13. 112	14. 60
15. 2	16. 96
17. 45	18. 5
19. 168	20. 48
21. 5	22. 252
23. 210	24. 3