

Grade 5 Volume And Geometry Challenge Worksheet

Set 009

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 5 units long, 4 units wide, and 2 units high.

Answer: _____

2. Find the volume of a rectangular prism that is 2 units long, 8 units wide, and 4 units high.

Answer: _____

3. A rectangular prism has a volume of 336 cubic units, a length of 6 units, and a width of 8 units. What is its height?

Answer: _____

4. Find the volume of a rectangular prism that is 7 units long, 8 units wide, and 3 units high.

Answer: _____

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

Answer: _____

6. A rectangular prism has a volume of 100 cubic units, a length of 4 units, and a width of 5 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

9. A rectangular prism has a volume of 315 cubic units, a length of 9 units, and a width of 7 units. What is its height?

Answer: _____

10. Find the volume of a rectangular prism that is 7 units long, 4 units wide, and 2 units high.

Answer: _____

11. Find the volume of a rectangular prism that is 2 units long, 7 units wide, and 6 units high.

Answer: _____

12. A rectangular prism has a volume of 56 cubic units, a length of 4 units, and a width of 7 units. What is its height?

Answer: _____

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

Answer: _____

14. Find the volume of a rectangular prism that is 2 units long, 5 units wide, and 4 units high.

Answer: _____

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

Answer: _____

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

Answer: _____

17. Find the volume of a rectangular prism that is 9 units long, 2 units wide, and 6 units high.

Answer: _____

18. A rectangular prism has a volume of 448 cubic units, a length of 8 units, and a width of 8 units. What is its height?

Answer: _____

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

Answer: _____

20. Find the volume of a rectangular prism that is 2 units long, 4 units wide, and 7 units high.

Answer: _____

21. A rectangular prism has a volume of 28 cubic units, a length of 7 units, and a width of 2 units. What is its height?

Answer: _____

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

Answer: _____

23. Find the volume of a rectangular prism that is 2 units long, 5 units wide, and 3 units high.

Answer: _____

24. A rectangular prism has a volume of 112 cubic units, a length of 4 units, and a width of 7 units. What is its height?

Answer: _____

Answer Key

Answers for all 24 questions

1. 40	2. 64
3. 7	4. 168
5. 72	6. 5
7. 112	8. 54
9. 5	10. 56
11. 84	12. 2
13. 288	14. 40
15. 2	16. 100
17. 108	18. 7
19. 441	20. 56
21. 2	22. 60
23. 30	24. 4