

Grade 5 Volume And Geometry Challenge Worksheet

Set 006

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, 4 units wide, and 6 units high.

Answer: _____

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

Answer: _____

3. A rectangular prism has a volume of 150 cubic units, a length of 5 units, and a width of 6 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

6. A rectangular prism has a volume of 126 cubic units, a length of 9 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, 5 units wide, and 3 units high.

Answer: _____

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

Answer: _____

9. A rectangular prism has a volume of 63 cubic units, a length of 7 units, and a width of 3 units. What is its height?

Answer: _____

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

Answer: _____

11. Find the volume of a rectangular prism that is 9 units long, 7 units wide, and 3 units high.

Answer: _____

12. A rectangular prism has a volume of 126 cubic units, a length of 3 units, and a width of 6 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

15. A rectangular prism has a volume of 108 cubic units, a length of 9 units, and a width of 2 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

18. A rectangular prism has a volume of 144 cubic units, a length of 3 units, and a width of 8 units. What is its height?

Answer: _____

19. Find the volume of a rectangular prism that is 2 units long, 5 units wide, and 7 units high.

Answer: _____

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

Answer: _____

21. A rectangular prism has a volume of 24 cubic units, a length of 2 units, and a width of 4 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

24. A rectangular prism has a volume of 252 cubic units, a length of 9 units, and a width of 7 units. What is its height?

Answer: _____

Answer Key

Answers for all 24 questions

1. 168	2. 8
3. 5	4. 112
5. 40	6. 2
7. 45	8. 80
9. 3	10. 80
11. 189	12. 7
13. 84	14. 98
15. 6	16. 30
17. 112	18. 6
19. 70	20. 448
21. 3	22. 126
23. 54	24. 4