

Grade 5 Volume And Geometry Challenge Worksheet

Set 015

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

Answer: _____

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

Answer: _____

3. A rectangular prism has a volume of 294 cubic units, a length of 6 units, and a width of 7 units. What is its height?

Answer: _____

4. Find the volume of a rectangular prism that is 9 units long, 3 units wide, and 2 units high.

Answer: _____

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

Answer: _____

6. A rectangular prism has a volume of 48 cubic units, a length of 2 units, and a width of 8 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

9. A rectangular prism has a volume of 120 cubic units, a length of 6 units, and a width of 4 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

12. A rectangular prism has a volume of 60 cubic units, a length of 5 units, and a width of 4 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

15. A rectangular prism has a volume of 72 cubic units, a length of 4 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, 2 units wide, and 5 units high.

Answer: _____

17. Find the volume of a rectangular prism that is 9 units long, 8 units wide, and 2 units high.

Answer: _____

18. A rectangular prism has a volume of 54 cubic units, a length of 3 units, and a width of 6 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

21. A rectangular prism has a volume of 108 cubic units, a length of 6 units, and a width of 6 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

24. A rectangular prism has a volume of 42 cubic units, a length of 7 units, and a width of 2 units. What is its height?

Answer: _____

Answer Key

Answers for all 24 questions

1. 40	2. 175
3. 7	4. 54
5. 70	6. 3
7. 30	8. 30
9. 5	10. 196
11. 120	12. 3
13. 48	14. 80
15. 3	16. 80
17. 144	18. 3
19. 144	20. 126
21. 3	22. 384
23. 252	24. 3