

Grade 5 Volume And Geometry Challenge Worksheet

Set 021

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 2 units long, 7 units wide, and 2 units high.

Answer: _____

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

Answer: _____

3. A rectangular prism has a volume of 280 cubic units, a length of 7 units, and a width of 8 units. What is its height?

Answer: _____

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

Answer: _____

5. Find the volume of a rectangular prism that is 9 units long, 8 units wide, and 5 units high.

Answer: _____

6. A rectangular prism has a volume of 140 cubic units, a length of 5 units, and a width of 4 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

9. A rectangular prism has a volume of 84 cubic units, a length of 2 units, and a width of 7 units. What is its height?

Answer: _____

10. Find the volume of a rectangular prism that is 8 units long, 5 units wide, and 7 units high.

Answer: _____

11. Find the volume of a rectangular prism that is 9 units long, 8 units wide, and 3 units high.

Answer: _____

12. A rectangular prism has a volume of 210 cubic units, a length of 6 units, and a width of 7 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

15. A rectangular prism has a volume of 120 cubic units, a length of 6 units, and a width of 5 units. What is its height?

Answer: _____

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

Answer: _____

17. Find the volume of a rectangular prism that is 9 units long, 5 units wide, and 3 units high.

Answer: _____

18. A rectangular prism has a volume of 120 cubic units, a length of 8 units, and a width of 5 units. What is its height?

Answer: _____

19. Find the volume of a rectangular prism that is 2 units long, 6 units wide, and 3 units high.

Answer: _____

20. Find the volume of a rectangular prism that is 6 units long, 3 units wide, and 2 units high.

Answer: _____

21. A rectangular prism has a volume of 36 cubic units, a length of 3 units, and a width of 2 units. What is its height?

Answer: _____

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

Answer: _____

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

Answer: _____

24. A rectangular prism has a volume of 126 cubic units, a length of 7 units, and a width of 3 units. What is its height?

Answer: _____

Answer Key

Answers for all 24 questions

1. 28	2. 245
3. 5	4. 252
5. 360	6. 7
7. 120	8. 64
9. 6	10. 280
11. 216	12. 5
13. 80	14. 288
15. 4	16. 90
17. 135	18. 3
19. 36	20. 36
21. 6	22. 189
23. 60	24. 6