

Grade 5 Mixed Review Challenge Worksheet Set 024

Grade 5 • Mixed Review • Challenge

Name: _____ Date: _____

Use decimal and fraction operations, multi-digit multiplication and division, order of operations, and volume reasoning. Simplify fractions and label volume or length units.

1. Add: $18.24 + 35.69$.

Answer: _____

2. Add and simplify: $7/12 + 1/2$.

Answer: _____

3. Find the product: $3,466 \times 45 =$ _____.

4. A school packed 82 boxes with 27 notebooks in each, then used 103 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $99.46 - 27.30$.

Answer: _____

6. Subtract and simplify: $3/5 - 5/12$.

Answer: _____

7. Divide exactly: $630 \div 45 =$ _____.

8. Two nonoverlapping rectangular prisms measure 12 by 6 by 6 units and 6 by 8 by 3 units. Find their total volume.

Answer: _____

9. Multiply: 95.40×8 .

Answer: _____

10. Multiply and simplify: $3/8 \times 1/2$.

Answer: _____

11. Find the volume of a rectangular prism 11 units by 12 units by 7 units.

Answer: _____

12. Find the product: $1,485 \times 88 =$ _____.

13. Divide: $263.23 \div 11$.

Answer: _____

14. Divide: $12 \div 1/8$.

Answer: _____

15. A rectangular prism has volume 945 cubic units, length 15 units, and width 7 units. Find its height.

Answer: _____

16. Divide exactly: $4,242 \div 21 =$ _____.

17. Multiply: 6.77×5.5 .

Answer: _____

18. Add and simplify: $3 \frac{4}{5} + 5 \frac{1}{2}$.

Answer: _____

19. Evaluate $(72 + 29) \times 2$.

Answer: _____

20. Find the volume of a rectangular prism 9 units by 2 units by 6 units.

Answer: _____

21. Divide: $67 \div 6.7$.

Answer: _____

22. Subtract and simplify: $3 \frac{1}{4} - 2 \frac{1}{6}$.

Answer: _____

23. Evaluate $68 \times 6 - 78 \div 6$.

Answer: _____

24. A rectangular prism has volume 176 cubic units, length 11 units, and width 4 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 53.93	2. $1 \frac{1}{12}$
3. 155970	4. 2111
5. 72.16	6. $\frac{11}{60}$
7. 14	8. 576 cubic units
9. 763.2	10. $\frac{3}{16}$
11. 924 cubic units	12. 130680
13. 23.93	14. 96
15. 9 units	16. 202
17. 37.235	18. $9 \frac{3}{10}$
19. 202	20. 108 cubic units
21. 10	22. $1 \frac{1}{12}$
23. 395	24. 4 units