

Grade 5 Mixed Review Challenge Worksheet Set 042

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: $51.49 + 27.75$.

Answer: _____

2. Add and simplify: $\frac{3}{6} + \frac{7}{12}$.

Answer: _____

3. Find the product: $2,693 \times 31 =$ _____.

4. A school packed 77 boxes with 14 notebooks in each, then used 68 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $85.72 - 48.66$.

Answer: _____

6. Subtract and simplify: $\frac{1}{2} - \frac{3}{12}$.

Answer: _____

7. Divide exactly: $966 \div 42 =$ _____.

8. Two nonoverlapping rectangular prisms measure 11 by 5 by 5 units and 3 by 3 by 6 units. Find their total volume.

Answer: _____

9. Multiply: 2.89×22 .

Answer: _____

10. Multiply and simplify: $\frac{2}{4} \times \frac{1}{3}$.

Answer: _____

11. Find the volume of a rectangular prism 17 units by 6 units by 9 units.

Answer: _____

12. Find the product: $9,516 \times 48 =$ _____.

13. Divide: $30.5 \div 10$.

Answer: _____

14. Divide: $2 \div \frac{1}{3}$.

Answer: _____

15. A rectangular prism has volume 144 cubic units, length 6 units, and width 8 units. Find its height.

Answer: _____

16. Divide exactly: $21,528 \div 46 =$ _____.

17. Multiply: 5.51×6.0 .

Answer: _____

18. Add and simplify: $1 \frac{4}{12} + 1 \frac{1}{2}$.

Answer: _____

19. Evaluate $(50 + 15) \times 3$.

Answer: _____

20. Find the volume of a rectangular prism 9 units by 7 units by 4 units.

Answer: _____

21. Divide: $23.66 \div 1.4$.

Answer: _____

22. Subtract and simplify: $3 \frac{5}{12} - 2 \frac{2}{5}$.

Answer: _____

23. Evaluate $30 \times 10 - 20 \div 2$.

Answer: _____

24. A rectangular prism has volume 704 cubic units, length 11 units, and width 8 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 79.24	2. $1 \frac{1}{12}$
3. 83483	4. 1010
5. 37.06	6. $\frac{1}{4}$
7. 23	8. 329 cubic units
9. 63.58	10. $\frac{1}{6}$
11. 918 cubic units	12. 456768
13. 3.05	14. 6
15. 3 units	16. 468
17. 33.06	18. $2 \frac{5}{6}$
19. 195	20. 252 cubic units
21. 16.9	22. $1 \frac{1}{60}$
23. 290	24. 8 units