

Grade 5 Mixed Review Challenge Worksheet Set 009

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: $96.12 + 27.96$.

Answer: _____

2. Add and simplify: $\frac{4}{8} + \frac{1}{4}$.

Answer: _____

3. Find the product: $4,870 \times 77 =$ _____.

4. A school packed 89 boxes with 17 notebooks in each, then used 176 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $21.53 - 1.54$.

Answer: _____

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

Answer: _____

7. Divide exactly: $16,842 \div 42 =$ _____.

8. Two nonoverlapping rectangular prisms measure 4 by 9 by 4 units and 7 by 8 by 7 units. Find their total volume.

Answer: _____

9. Multiply: 55.78×4 .

Answer: _____

10. Multiply and simplify: $\frac{3}{4} \times \frac{4}{8}$.

Answer: _____

11. Find the volume of a rectangular prism 3 units by 3 units by 9 units.

Answer: _____

12. Find the product: $5,115 \times 22 =$ _____.

13. Divide: $8.08 \div 4$.

Answer: _____

14. Divide: $8 \div \frac{1}{3}$.

Answer: _____

15. A rectangular prism has volume 324 cubic units, length 6 units, and width 6 units. Find its height.

Answer: _____

16. Divide exactly: $16,948 \div 38 =$ _____.

17. Multiply: 3.05×6.6 .

Answer: _____

18. Add and simplify: $1\frac{7}{8} + 1\frac{3}{6}$.

Answer: _____

19. Evaluate $(28 + 27) \times 5$.

Answer: _____

20. Find the volume of a rectangular prism 5 units by 10 units by 7 units.

Answer: _____

21. Divide: $159.39 \div 7.7$.

Answer: _____

22. Subtract and simplify: $5\frac{1}{2} - 1\frac{2}{5}$.

Answer: _____

23. Evaluate $14 \times 7 - 35 \div 7$.

Answer: _____

24. A rectangular prism has volume 364 cubic units, length 13 units, and width 4 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 124.08	2. $\frac{3}{4}$
3. 374990	4. 1337
5. 19.99	6. $\frac{5}{12}$
7. 401	8. 536 cubic units
9. 223.12	10. $\frac{3}{8}$
11. 81 cubic units	12. 112530
13. 2.02	14. 24
15. 9 units	16. 446
17. 20.13	18. $3\frac{3}{8}$
19. 275	20. 350 cubic units
21. 20.7	22. $4\frac{1}{10}$
23. 93	24. 7 units