

Grade 5 Mixed Review Challenge Worksheet Set 012

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: $74.71 + 27.03$.

Answer: _____

2. Add and simplify: $\frac{4}{8} + \frac{1}{6}$.

Answer: _____

3. Find the product: $5,366 \times 64 =$ _____.

4. A school packed 23 boxes with 25 notebooks in each, then used 68 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $67.77 - 21.10$.

Answer: _____

6. Subtract and simplify: $\frac{9}{10} - \frac{8}{12}$.

Answer: _____

7. Divide exactly: $9,384 \div 34 =$ _____.

8. Two nonoverlapping rectangular prisms measure 4 by 6 by 5 units and 5 by 8 by 7 units. Find their total volume.

Answer: _____

9. Multiply: 26.12×5 .

Answer: _____

10. Multiply and simplify: $\frac{4}{5} \times \frac{8}{12}$.

Answer: _____

11. Find the volume of a rectangular prism 17 units by 2 units by 4 units.

Answer: _____

12. Find the product: $9,660 \times 74 =$ _____.

13. Divide: $26.18 \div 7$.

Answer: _____

14. Divide: $8 \div \frac{1}{10}$.

Answer: _____

15. A rectangular prism has volume 416 cubic units, length 13 units, and width 4 units. Find its height.

Answer: _____

16. Divide exactly: $14,664 \div 39 =$ _____.

17. Multiply: 3.43×9.0 .

Answer: _____

18. Add and simplify: $3 \frac{1}{10} + 5 \frac{1}{4}$.

Answer: _____

19. Evaluate $(70 + 33) \times 8$.

Answer: _____

20. Find the volume of a rectangular prism 10 units by 8 units by 8 units.

Answer: _____

21. Divide: $53.36 \div 2.3$.

Answer: _____

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

Answer: _____

23. Evaluate $74 \times 12 - 63 \div 3$.

Answer: _____

24. A rectangular prism has volume 624 cubic units, length 13 units, and width 6 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 101.74	2. $\frac{2}{3}$
3. 343424	4. 507
5. 46.67	6. $\frac{7}{30}$
7. 276	8. 400 cubic units
9. 130.6	10. $\frac{8}{15}$
11. 136 cubic units	12. 714840
13. 3.74	14. 80
15. 8 units	16. 376
17. 30.87	18. $8\frac{7}{20}$
19. 824	20. 640 cubic units
21. 23.2	22. $2\frac{1}{6}$
23. 867	24. 8 units