

Grade 5 Mixed Review Challenge Worksheet Set 027

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: $94.23 + 40.01$.

Answer: _____

2. Add and simplify: $\frac{4}{6} + \frac{3}{5}$.

Answer: _____

3. Find the product: $9,722 \times 38 =$ _____.

4. A school packed 39 boxes with 36 notebooks in each, then used 214 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $28.94 - 18.27$.

Answer: _____

6. Subtract and simplify: $\frac{3}{4} - \frac{2}{10}$.

Answer: _____

7. Divide exactly: $481 \div 13 =$ _____.

8. Two nonoverlapping rectangular prisms measure 4 by 5 by 3 units and 5 by 3 by 3 units. Find their total volume.

Answer: _____

9. Multiply: 97.23×14 .

Answer: _____

10. Multiply and simplify: $\frac{2}{8} \times \frac{1}{10}$.

Answer: _____

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

Answer: _____

12. Find the product: $5,725 \times 66 =$ _____.

13. Divide: $2.66 \div 7$.

Answer: _____

14. Divide: $7 \div 1/2$.

Answer: _____

15. A rectangular prism has volume 70 cubic units, length 5 units, and width 7 units. Find its height.

Answer: _____

16. Divide exactly: $16,376 \div 46 =$ _____.

17. Multiply: 8.67×7.7 .

Answer: _____

18. Add and simplify: $5 \frac{1}{2} + 3 \frac{9}{12}$.

Answer: _____

19. Evaluate $(29 + 31) \times 5$.

Answer: _____

20. Find the volume of a rectangular prism 5 units by 12 units by 10 units.

Answer: _____

21. Divide: $7.36 \div 0.4$.

Answer: _____

22. Subtract and simplify: $7 \frac{3}{5} - 1 \frac{1}{2}$.

Answer: _____

23. Evaluate $74 \times 4 - 184 \div 8$.

Answer: _____

24. A rectangular prism has volume 192 cubic units, length 4 units, and width 8 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 134.24	2. $1\frac{4}{15}$
3. 369436	4. 1190
5. 10.67	6. $\frac{11}{20}$
7. 37	8. 105 cubic units
9. 1361.22	10. $\frac{1}{40}$
11. 539 cubic units	12. 377850
13. 0.38	14. 14
15. 2 units	16. 356
17. 66.759	18. $9\frac{1}{4}$
19. 300	20. 600 cubic units
21. 18.4	22. $6\frac{1}{10}$
23. 273	24. 6 units