

Grade 5 Mixed Review Challenge Worksheet Set 030

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: $50.52 + 9.62$.

Answer: _____

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

Answer: _____

3. Find the product: $4,409 \times 27 =$ _____.

4. A school packed 26 boxes with 48 notebooks in each, then used 170 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $20.50 - 18.75$.

Answer: _____

6. Subtract and simplify: $\frac{3}{4} - \frac{7}{10}$.

Answer: _____

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

8. Two nonoverlapping rectangular prisms measure 5 by 6 by 2 units and 5 by 4 by 5 units. Find their total volume.

Answer: _____

9. Multiply: 24.69×2 .

Answer: _____

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

Answer: _____

11. Find the volume of a rectangular prism 15 units by 6 units by 10 units.

Answer: _____

12. Find the product: $9,410 \times 19 =$ _____.

13. Divide: $110.76 \div 6$.

Answer: _____

14. Divide: $5 \div 1/2$.

Answer: _____

15. A rectangular prism has volume 140 cubic units, length 14 units, and width 2 units. Find its height.

Answer: _____

16. Divide exactly: $2,400 \div 40 =$ _____.

17. Multiply: 7.46×3.7 .

Answer: _____

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

Answer: _____

19. Evaluate $(42 + 17) \times 6$.

Answer: _____

20. Find the volume of a rectangular prism 14 units by 10 units by 8 units.

Answer: _____

21. Divide: $52.53 \div 5.1$.

Answer: _____

22. Subtract and simplify: $6 \frac{4}{8} - 1 \frac{1}{12}$.

Answer: _____

23. Evaluate $29 \times 4 - 42 \div 3$.

Answer: _____

24. A rectangular prism has volume 384 cubic units, length 8 units, and width 8 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 60.14	2. $\frac{7}{10}$
3. 119043	4. 1078
5. 1.75	6. $\frac{1}{20}$
7. 202	8. 160 cubic units
9. 49.38	10. $\frac{3}{10}$
11. 900 cubic units	12. 178790
13. 18.46	14. 10
15. 5 units	16. 60
17. 27.602	18. $10\frac{14}{15}$
19. 354	20. 1120 cubic units
21. 10.3	22. $5\frac{5}{12}$
23. 102	24. 6 units