

Grade 5 Mixed Review Challenge Worksheet Set 045

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: $31.37 + 41.63$.

Answer: _____

2. Add and simplify: $\frac{1}{6} + \frac{3}{4}$.

Answer: _____

3. Find the product: $2,623 \times 71 =$ _____.

4. A school packed 83 boxes with 14 notebooks in each, then used 300 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $44.80 - 35.63$.

Answer: _____

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

Answer: _____

7. Divide exactly: $7,029 \div 33 =$ _____.

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

Answer: _____

9. Multiply: 34.97×4 .

Answer: _____

10. Multiply and simplify: $\frac{3}{5} \times \frac{3}{4}$.

Answer: _____

11. Find the volume of a rectangular prism 16 units by 3 units by 9 units.

Answer: _____

12. Find the product: $7,922 \times 57 =$ _____.

13. Divide: $189.2 \div 10$.

Answer: _____

14. Divide: $9 \div \frac{1}{3}$.

Answer: _____

15. A rectangular prism has volume 588 cubic units, length 12 units, and width 7 units. Find its height.

Answer: _____

16. Divide exactly: $10,220 \div 28 =$ _____.

17. Multiply: 6.70×3.6 .

Answer: _____

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

Answer: _____

19. Evaluate $(24 + 5) \times 2$.

Answer: _____

20. Find the volume of a rectangular prism 18 units by 10 units by 7 units.

Answer: _____

21. Divide: $166.47 \div 9.3$.

Answer: _____

22. Subtract and simplify: $3 \frac{4}{8} - 1 \frac{1}{2}$.

Answer: _____

23. Evaluate $30 \times 9 - 20 \div 5$.

Answer: _____

24. A rectangular prism has volume 360 cubic units, length 15 units, and width 3 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 73	2. $\frac{11}{12}$
3. 186233	4. 862
5. 9.17	6. $\frac{1}{4}$
7. 213	8. 268 cubic units
9. 139.88	10. $\frac{9}{20}$
11. 432 cubic units	12. 451554
13. 18.92	14. 27
15. 7 units	16. 365
17. 24.12	18. $2\frac{1}{2}$
19. 58	20. 1260 cubic units
21. 17.9	22. 2
23. 266	24. 8 units