

Grade 5 Mixed Review Challenge Worksheet Set 018

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: $89.13 + 29.59$.

Answer: _____

2. Add and simplify: $\frac{1}{10} + \frac{1}{3}$.

Answer: _____

3. Find the product: $5,942 \times 85 =$ _____.

4. A school packed 29 boxes with 35 notebooks in each, then used 232 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $29.74 - 2.71$.

Answer: _____

6. Subtract and simplify: $\frac{4}{5} - \frac{1}{2}$.

Answer: _____

7. Divide exactly: $2,997 \div 37 =$ _____.

8. Two nonoverlapping rectangular prisms measure 10 by 5 by 4 units and 8 by 2 by 7 units. Find their total volume.

Answer: _____

9. Multiply: 95.51×2 .

Answer: _____

10. Multiply and simplify: $\frac{2}{3} \times \frac{1}{2}$.

Answer: _____

11. Find the volume of a rectangular prism 3 units by 6 units by 6 units.

Answer: _____

12. Find the product: $4,534 \times 40 =$ _____.

13. Divide: $33.6 \div 12$.

Answer: _____

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

Answer: _____

15. A rectangular prism has volume 234 cubic units, length 13 units, and width 3 units. Find its height.

Answer: _____

16. Divide exactly: $1,155 \div 35 =$ _____.

17. Multiply: 9.87×1.2 .

Answer: _____

18. Add and simplify: $4 \frac{6}{12} + 4 \frac{2}{10}$.

Answer: _____

19. Evaluate $(30 + 53) \times 2$.

Answer: _____

20. Find the volume of a rectangular prism 3 units by 11 units by 6 units.

Answer: _____

21. Divide: $63.51 \div 7.3$.

Answer: _____

22. Subtract and simplify: $6 \frac{3}{5} - 2 \frac{7}{12}$.

Answer: _____

23. Evaluate $22 \times 7 - 54 \div 3$.

Answer: _____

24. A rectangular prism has volume 270 cubic units, length 5 units, and width 9 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 118.72	2. $\frac{13}{30}$
3. 505070	4. 783
5. 27.03	6. $\frac{3}{10}$
7. 81	8. 312 cubic units
9. 191.02	10. $\frac{1}{3}$
11. 108 cubic units	12. 181360
13. 2.8	14. 14
15. 6 units	16. 33
17. 11.844	18. $8\frac{7}{10}$
19. 166	20. 198 cubic units
21. 8.7	22. $4\frac{1}{60}$
23. 136	24. 6 units