

Grade 5 Mixed Review Challenge Worksheet Set 021

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: $16.67 + 44.09$.

Answer: _____

2. Add and simplify: $\frac{2}{6} + \frac{3}{8}$.

Answer: _____

3. Find the product: $6,099 \times 38 =$ _____.

4. A school packed 56 boxes with 29 notebooks in each, then used 99 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $12.00 - 8.80$.

Answer: _____

6. Subtract and simplify: $\frac{3}{4} - \frac{1}{6}$.

Answer: _____

7. Divide exactly: $2,294 \div 37 =$ _____.

8. Two nonoverlapping rectangular prisms measure 5 by 9 by 2 units and 8 by 5 by 6 units. Find their total volume.

Answer: _____

9. Multiply: 85.58×10 .

Answer: _____

10. Multiply and simplify: $\frac{4}{6} \times \frac{1}{3}$.

Answer: _____

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

Answer: _____

12. Find the product: $9,179 \times 74 =$ _____.

13. Divide: $104.86 \div 7$.

Answer: _____

14. Divide: $11 \div 1/6$.

Answer: _____

15. A rectangular prism has volume 175 cubic units, length 5 units, and width 7 units. Find its height.

Answer: _____

16. Divide exactly: $10,098 \div 22 =$ _____.

17. Multiply: 6.78×0.3 .

Answer: _____

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

Answer: _____

19. Evaluate $(30 + 24) \times 5$.

Answer: _____

20. Find the volume of a rectangular prism 12 units by 10 units by 2 units.

Answer: _____

21. Divide: $59.2 \div 3.2$.

Answer: _____

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

Answer: _____

23. Evaluate $45 \times 10 - 144 \div 6$.

Answer: _____

24. A rectangular prism has volume 360 cubic units, length 8 units, and width 5 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 60.76	2. $17/24$
3. 231762	4. 1525
5. 3.2	6. $7/12$
7. 62	8. 330 cubic units
9. 855.8	10. $2/9$
11. 1440 cubic units	12. 679246
13. 14.98	14. 66
15. 5 units	16. 459
17. 2.034	18. $9 \frac{1}{12}$
19. 270	20. 240 cubic units
21. 18.5	22. $3 \frac{1}{6}$
23. 426	24. 9 units