

Grade 5 Mixed Review Challenge Worksheet Set 015

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: $46.29 + 45.10$.

Answer: _____

2. Add and simplify: $10/12 + 4/6$.

Answer: _____

3. Find the product: $776 \times 55 =$ _____.

4. A school packed 89 boxes with 30 notebooks in each, then used 78 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $91.21 - 39.37$.

Answer: _____

6. Subtract and simplify: $4/5 - 5/8$.

Answer: _____

7. Divide exactly: $6,303 \div 33 =$ _____.

8. Two nonoverlapping rectangular prisms measure 8 by 7 by 3 units and 5 by 4 by 2 units. Find their total volume.

Answer: _____

9. Multiply: 45.94×21 .

Answer: _____

10. Multiply and simplify: $5/8 \times 2/3$.

Answer: _____

11. Find the volume of a rectangular prism 3 units by 12 units by 4 units.

Answer: _____

12. Find the product: $4,948 \times 88 =$ _____.

13. Divide: $17.6 \div 11$.

Answer: _____

14. Divide: $12 \div 1/10$.

Answer: _____

15. A rectangular prism has volume 105 cubic units, length 7 units, and width 3 units. Find its height.

Answer: _____

16. Divide exactly: $480 \div 24 =$ _____.

17. Multiply: 0.82×2.1 .

Answer: _____

18. Add and simplify: $5 \frac{4}{5} + 2 \frac{3}{8}$.

Answer: _____

19. Evaluate $(62 + 29) \times 8$.

Answer: _____

20. Find the volume of a rectangular prism 14 units by 9 units by 8 units.

Answer: _____

21. Divide: $73.15 \div 3.5$.

Answer: _____

22. Subtract and simplify: $3 \frac{1}{3} - 1 \frac{7}{10}$.

Answer: _____

23. Evaluate $75 \times 10 - 198 \div 9$.

Answer: _____

24. A rectangular prism has volume 176 cubic units, length 11 units, and width 2 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 91.39	2. $1\frac{1}{2}$
3. 42680	4. 2592
5. 51.84	6. $\frac{7}{40}$
7. 191	8. 208 cubic units
9. 964.74	10. $\frac{5}{12}$
11. 144 cubic units	12. 435424
13. 1.6	14. 120
15. 5 units	16. 20
17. 1.722	18. $8\frac{7}{40}$
19. 728	20. 1008 cubic units
21. 20.9	22. $1\frac{19}{30}$
23. 728	24. 8 units