

Grade 5 Mixed Review Challenge Worksheet Set 036

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: $20.12 + 10.18$.

Answer: _____

2. Add and simplify: $10/12 + 1/3$.

Answer: _____

3. Find the product: $8,924 \times 41 =$ _____.

4. A school packed 88 boxes with 33 notebooks in each, then used 76 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $29.62 - 0.99$.

Answer: _____

6. Subtract and simplify: $11/12 - 2/6$.

Answer: _____

7. Divide exactly: $7,497 \div 49 =$ _____.

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

Answer: _____

9. Multiply: 86.16×21 .

Answer: _____

10. Multiply and simplify: $2/8 \times 4/5$.

Answer: _____

11. Find the volume of a rectangular prism 8 units by 11 units by 4 units.

Answer: _____

12. Find the product: $1,334 \times 85 =$ _____.

13. Divide: $13.52 \div 2$.

Answer: _____

14. Divide: $9 \div 1/2$.

Answer: _____

15. A rectangular prism has volume 882 cubic units, length 14 units, and width 7 units. Find its height.

Answer: _____

16. Divide exactly: $8,010 \div 18 =$ _____.

17. Multiply: 4.80×2.8 .

Answer: _____

18. Add and simplify: $3 \frac{11}{12} + 6 \frac{3}{4}$.

Answer: _____

19. Evaluate $(48 + 52) \times 2$.

Answer: _____

20. Find the volume of a rectangular prism 10 units by 7 units by 2 units.

Answer: _____

21. Divide: $24.48 \div 2.4$.

Answer: _____

22. Subtract and simplify: $5 \frac{3}{5} - 1 \frac{2}{3}$.

Answer: _____

23. Evaluate $37 \times 7 - 28 \div 7$.

Answer: _____

24. A rectangular prism has volume 210 cubic units, length 15 units, and width 2 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 30.3	2. $1\frac{1}{6}$
3. 365884	4. 2828
5. 28.63	6. $\frac{7}{12}$
7. 153	8. 177 cubic units
9. 1809.36	10. $\frac{1}{5}$
11. 352 cubic units	12. 113390
13. 6.76	14. 18
15. 9 units	16. 445
17. 13.44	18. $10\frac{2}{3}$
19. 200	20. 140 cubic units
21. 10.2	22. $3\frac{14}{15}$
23. 255	24. 7 units