

Grade 5 Mixed Review Challenge Worksheet Set 006

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: $2.82 + 28.24$.

Answer: _____

2. Add and simplify: $7/10 + 5/6$.

Answer: _____

3. Find the product: $6,170 \times 51 =$ _____.

4. A school packed 74 boxes with 27 notebooks in each, then used 64 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $70.29 - 22.93$.

Answer: _____

6. Subtract and simplify: $5/12 - 1/3$.

Answer: _____

7. Divide exactly: $1,015 \div 35 =$ _____.

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

Answer: _____

9. Multiply: 25.14×14 .

Answer: _____

10. Multiply and simplify: $3/5 \times 3/4$.

Answer: _____

11. Find the volume of a rectangular prism 8 units by 5 units by 9 units.

Answer: _____

12. Find the product: $5,239 \times 18 =$ _____.

13. Divide: $87.78 \div 6$.

Answer: _____

14. Divide: $11 \div 1/10$.

Answer: _____

15. A rectangular prism has volume 144 cubic units, length 9 units, and width 4 units. Find its height.

Answer: _____

16. Divide exactly: $5,306 \div 14 =$ _____.

17. Multiply: 0.15×7.1 .

Answer: _____

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

Answer: _____

19. Evaluate $(19 + 12) \times 2$.

Answer: _____

20. Find the volume of a rectangular prism 15 units by 12 units by 4 units.

Answer: _____

21. Divide: $121.66 \div 7.9$.

Answer: _____

22. Subtract and simplify: $4 \frac{1}{3} - 2 \frac{5}{6}$.

Answer: _____

23. Evaluate $36 \times 8 - 133 \div 7$.

Answer: _____

24. A rectangular prism has volume 576 cubic units, length 8 units, and width 9 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 31.06	2. $1\frac{8}{15}$
3. 314670	4. 1934
5. 47.36	6. $\frac{1}{12}$
7. 29	8. 233 cubic units
9. 351.96	10. $\frac{9}{20}$
11. 360 cubic units	12. 94302
13. 14.63	14. 110
15. 4 units	16. 379
17. 1.065	18. $9\frac{3}{20}$
19. 62	20. 720 cubic units
21. 15.4	22. $1\frac{1}{2}$
23. 269	24. 8 units