

Grade 5 Mixed Review Challenge Worksheet Set 039

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: $9.99 + 41.14$.

Answer: _____

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

Answer: _____

3. Find the product: $4,143 \times 77 =$ _____.

4. A school packed 49 boxes with 39 notebooks in each, then used 162 notebooks. How many notebooks remain?

Answer: _____

5. Subtract: $41.71 - 10.41$.

Answer: _____

6. Subtract and simplify: $\frac{2}{3} - \frac{4}{10}$.

Answer: _____

7. Divide exactly: $15,386 \div 49 =$ _____.

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

Answer: _____

9. Multiply: 11.50×9 .

Answer: _____

10. Multiply and simplify: $\frac{1}{4} \times \frac{1}{2}$.

Answer: _____

11. Find the volume of a rectangular prism 10 units by 11 units by 2 units.

Answer: _____

12. Find the product: $9,030 \times 30 =$ _____.

13. Divide: $105.6 \div 10$.

Answer: _____

14. Divide: $5 \div \frac{1}{4}$.

Answer: _____

15. A rectangular prism has volume 225 cubic units, length 9 units, and width 5 units. Find its height.

Answer: _____

16. Divide exactly: $7,035 \div 21 =$ _____.

17. Multiply: 4.09×0.8 .

Answer: _____

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

Answer: _____

19. Evaluate $(45 + 19) \times 4$.

Answer: _____

20. Find the volume of a rectangular prism 10 units by 6 units by 9 units.

Answer: _____

21. Divide: $63.36 \div 3.2$.

Answer: _____

22. Subtract and simplify: $7\frac{5}{6} - 1\frac{1}{10}$.

Answer: _____

23. Evaluate $63 \times 5 - 72 \div 9$.

Answer: _____

24. A rectangular prism has volume 216 cubic units, length 12 units, and width 6 units. Find its height.

Answer: _____

Answer Key

Answers for all 24 questions

1. 51.13	2. $1\frac{7}{15}$
3. 319011	4. 1749
5. 31.3	6. $\frac{4}{15}$
7. 314	8. 470 cubic units
9. 103.5	10. $\frac{1}{8}$
11. 220 cubic units	12. 270900
13. 10.56	14. 20
15. 5 units	16. 335
17. 3.272	18. $6\frac{1}{3}$
19. 256	20. 540 cubic units
21. 19.8	22. $6\frac{11}{15}$
23. 307	24. 3 units