

Grade 5 Fraction Operations Challenge Worksheet

Set 042

Grade 5 · Fraction Operations · Challenge

Name: _____ Date: _____

Use common denominators, fraction multiplication, and unit-fraction division. Simplify each answer and write mixed numbers when needed.

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

Answer: _____

2. Subtract and simplify: $\frac{3}{4} - \frac{1}{10}$.

Answer: _____

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

Answer: _____

4. What is $\frac{7}{10}$ of 30?

Answer: _____

5. Multiply and simplify: $\frac{1}{4} \times \frac{2}{5}$.

Answer: _____

6. Divide and simplify: $\frac{1}{4} \div 9$.

Answer: _____

7. Divide: $9 \div \frac{1}{10}$.

Answer: _____

8. Add and simplify: $5\frac{8}{12} + 6\frac{4}{6}$.

Answer: _____

9. Subtract and simplify: $6\frac{1}{2} - 2\frac{1}{4}$.

Answer: _____

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

Answer: _____

11. Subtract and simplify: $11/12 - 4/10$.

Answer: _____

12. Multiply and simplify: $1/10 \times 5$.

Answer: _____

13. What is $\frac{6}{8}$ of 40?

Answer: _____

14. Multiply and simplify: $\frac{4}{10} \times \frac{10}{12}$.

Answer: _____

15. Divide and simplify: $\frac{1}{10} \div 9$.

Answer: _____

16. Divide: $12 \div \frac{1}{8}$.

Answer: _____

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

Answer: _____

18. Subtract and simplify: $4\frac{2}{10} - 1\frac{2}{8}$.

Answer: _____

19. Add and simplify: $\frac{1}{6} + \frac{6}{12}$.

Answer: _____

20. Subtract and simplify: $\frac{6}{8} - \frac{7}{12}$.

Answer: _____

21. Multiply and simplify: $\frac{3}{5} \times 10$.

Answer: _____

22. What is $\frac{5}{10}$ of 20?

Answer: _____

23. Multiply and simplify: $\frac{9}{10} \times \frac{5}{6}$.

Answer: _____

24. Divide and simplify: $\frac{1}{6} \div 9$.

Answer: _____

Answer Key

Answers for all 24 questions

1. $1 \frac{1}{6}$	2. $\frac{13}{20}$
3. 2	4. 21
5. $\frac{1}{10}$	6. $\frac{1}{36}$
7. 90	8. $12 \frac{1}{3}$
9. $4 \frac{1}{4}$	10. $1 \frac{3}{20}$
11. $\frac{31}{60}$	12. $\frac{1}{2}$
13. 30	14. $\frac{1}{3}$
15. $\frac{1}{90}$	16. 96
17. $10 \frac{3}{8}$	18. $2 \frac{19}{20}$
19. $\frac{2}{3}$	20. $\frac{1}{6}$
21. 6	22. 10
23. $\frac{3}{4}$	24. $\frac{1}{54}$