

Grade 5 Fraction Operations Challenge Worksheet

Set 048

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: $\frac{1}{8} + \frac{4}{5}$.

Answer: _____

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

Answer: _____

3. Multiply and simplify: $\frac{1}{4} \times 12$.

Answer: _____

4. What is $\frac{4}{8}$ of 56?

Answer: _____

5. Multiply and simplify: $\frac{5}{10} \times \frac{3}{8}$.

Answer: _____

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

Answer: _____

7. Divide: $2 \div \frac{1}{12}$.

Answer: _____

8. Add and simplify: $4\frac{1}{3} + 5\frac{1}{4}$.

Answer: _____

9. Subtract and simplify: $7\frac{1}{8} - 2\frac{8}{12}$.

Answer: _____

10. Add and simplify: $\frac{5}{6} + \frac{2}{3}$.

Answer: _____

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

Answer: _____

12. Multiply and simplify: $\frac{2}{12} \times 12$.

Answer: _____

13. What is $\frac{1}{6}$ of 66?

Answer: _____

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

Answer: _____

15. Divide and simplify: $\frac{1}{5} \div 9$.

Answer: _____

16. Divide: $3 \div \frac{1}{5}$.

Answer: _____

17. Add and simplify: $3\frac{1}{4} + 2\frac{1}{12}$.

Answer: _____

18. Subtract and simplify: $4\frac{1}{3} - 2\frac{5}{12}$.

Answer: _____

19. Add and simplify: $\frac{4}{12} + \frac{7}{8}$.

Answer: _____

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

Answer: _____

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

Answer: _____

22. What is $\frac{4}{6}$ of 78?

Answer: _____

23. Multiply and simplify: $\frac{5}{6} \times \frac{6}{12}$.

Answer: _____

24. Divide and simplify: $\frac{1}{8} \div 10$.

Answer: _____

Answer Key

Answers for all 24 questions

1. $\frac{37}{40}$	2. $\frac{7}{15}$
3. 3	4. 28
5. $\frac{3}{16}$	6. $\frac{1}{36}$
7. 24	8. $9\frac{7}{12}$
9. $4\frac{11}{24}$	10. $1\frac{1}{2}$
11. $\frac{3}{8}$	12. 2
13. 11	14. $\frac{1}{10}$
15. $\frac{1}{45}$	16. 15
17. $5\frac{1}{3}$	18. $1\frac{11}{12}$
19. $1\frac{5}{24}$	20. $\frac{1}{15}$
21. 3	22. 52
23. $\frac{5}{12}$	24. $\frac{1}{80}$