

Grade 5 Fraction Operations Challenge Worksheet

Set 021

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: $\frac{5}{8} + \frac{3}{5}$.

Answer: _____

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

Answer: _____

3. Multiply and simplify: $\frac{2}{3} \times 12$.

Answer: _____

4. What is $\frac{8}{10}$ of 40?

Answer: _____

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

Answer: _____

6. Divide and simplify: $\frac{1}{12} \div 10$.

Answer: _____

7. Divide: $5 \div \frac{1}{8}$.

Answer: _____

8. Add and simplify: $4\frac{3}{12} + 6\frac{7}{8}$.

Answer: _____

9. Subtract and simplify: $5\frac{9}{10} - 1\frac{1}{3}$.

Answer: _____

10. Add and simplify: $\frac{3}{4} + \frac{2}{8}$.

Answer: _____

11. Subtract and simplify: $\frac{6}{8} - \frac{1}{5}$.

Answer: _____

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

Answer: _____

13. What is $\frac{3}{5}$ of 65?

Answer: _____

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

Answer: _____

15. Divide and simplify: $\frac{1}{2} \div 4$.

Answer: _____

16. Divide: $4 \div \frac{1}{2}$.

Answer: _____

17. Add and simplify: $4\frac{1}{6} + 3\frac{2}{8}$.

Answer: _____

18. Subtract and simplify: $7\frac{4}{8} - 2\frac{1}{3}$.

Answer: _____

19. Add and simplify: $\frac{8}{12} + \frac{2}{6}$.

Answer: _____

20. Subtract and simplify: $\frac{1}{2} - \frac{1}{8}$.

Answer: _____

21. Multiply and simplify: $\frac{2}{4} \times 12$.

Answer: _____

22. What is $\frac{1}{3}$ of 33?

Answer: _____

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

Answer: _____

24. Divide and simplify: $\frac{1}{5} \div 3$.

Answer: _____

Answer Key

Answers for all 24 questions

1. $1 \frac{9}{40}$	2. $\frac{5}{12}$
3. 8	4. 32
5. $\frac{1}{12}$	6. $\frac{1}{120}$
7. 40	8. $11 \frac{1}{8}$
9. $4 \frac{17}{30}$	10. 1
11. $\frac{11}{20}$	12. $1 \frac{1}{3}$
13. 39	14. $\frac{1}{2}$
15. $\frac{1}{8}$	16. 8
17. $7 \frac{5}{12}$	18. $5 \frac{1}{6}$
19. 1	20. $\frac{3}{8}$
21. 6	22. 11
23. $\frac{1}{8}$	24. $\frac{1}{15}$