

Grade 5 Fraction Operations Challenge Worksheet

Set 039

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: $\frac{3}{6} + \frac{6}{8}$.

Answer: _____

2. Subtract and simplify: $\frac{6}{8} - \frac{1}{3}$.

Answer: _____

3. Multiply and simplify: $\frac{6}{12} \times 11$.

Answer: _____

4. What is $\frac{1}{3}$ of 9?

Answer: _____

5. Multiply and simplify: $\frac{7}{12} \times \frac{2}{6}$.

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

9. Subtract and simplify: $3 \frac{3}{8} - 2 \frac{3}{4}$.

Answer: _____

10. Add and simplify: $\frac{2}{10} + \frac{5}{8}$.

Answer: _____

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

Answer: _____

12. Multiply and simplify: $\frac{9}{12} \times 3$.

Answer: _____

13. What is $\frac{7}{10}$ of 60?

Answer: _____

14. Multiply and simplify: $\frac{2}{8} \times \frac{5}{10}$.

Answer: _____

15. Divide and simplify: $\frac{1}{2} \div 9$.

Answer: _____

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

Answer: _____

17. Add and simplify: $2\frac{11}{12} + 6\frac{4}{5}$.

Answer: _____

18. Subtract and simplify: $6\frac{9}{10} - 2\frac{3}{12}$.

Answer: _____

19. Add and simplify: $\frac{2}{4} + \frac{5}{12}$.

Answer: _____

20. Subtract and simplify: $\frac{2}{10} - \frac{1}{6}$.

Answer: _____

21. Multiply and simplify: $\frac{2}{6} \times 4$.

Answer: _____

22. What is $\frac{1}{10}$ of 110?

Answer: _____

23. Multiply and simplify: $\frac{2}{8} \times \frac{3}{4}$.

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

1. $1\frac{1}{4}$	2. $\frac{5}{12}$
3. $5\frac{1}{2}$	4. 3
5. $\frac{7}{36}$	6. $\frac{1}{4}$
7. 100	8. $5\frac{11}{12}$
9. $\frac{5}{8}$	10. $\frac{33}{40}$
11. $\frac{1}{6}$	12. $2\frac{1}{4}$
13. 42	14. $\frac{1}{8}$
15. $\frac{1}{18}$	16. 40
17. $9\frac{43}{60}$	18. $4\frac{13}{20}$
19. $\frac{11}{12}$	20. $\frac{1}{30}$
21. $1\frac{1}{3}$	22. 11
23. $\frac{3}{16}$	24. $\frac{1}{16}$