

Grade 5 Fraction Operations Challenge Worksheet

Set 033

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: $\frac{4}{5} + \frac{3}{4}$.

Answer: _____

2. Subtract and simplify: $\frac{10}{12} - \frac{2}{5}$.

Answer: _____

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

Answer: _____

4. What is $\frac{1}{2}$ of 22?

Answer: _____

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

Answer: _____

6. Divide and simplify: $\frac{1}{4} \div 7$.

Answer: _____

7. Divide: $3 \div \frac{1}{10}$.

Answer: _____

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

Answer: _____

9. Subtract and simplify: $4\frac{5}{8} - 2\frac{2}{4}$.

Answer: _____

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

Answer: _____

11. Subtract and simplify: $\frac{3}{4} - \frac{2}{12}$.

Answer: _____

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

Answer: _____

13. What is $\frac{5}{6}$ of 72?

Answer: _____

14. Multiply and simplify: $\frac{5}{12} \times \frac{2}{3}$.

Answer: _____

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

Answer: _____

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

Answer: _____

17. Add and simplify: $3\frac{3}{6} + 5\frac{2}{4}$.

Answer: _____

18. Subtract and simplify: $6\frac{9}{12} - 2\frac{3}{4}$.

Answer: _____

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

Answer: _____

20. Subtract and simplify: $\frac{3}{5} - \frac{4}{8}$.

Answer: _____

21. Multiply and simplify: $\frac{2}{6} \times 10$.

Answer: _____

22. What is $\frac{3}{12}$ of 132?

Answer: _____

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

Answer: _____

24. Divide and simplify: $\frac{1}{5} \div 10$.

Answer: _____

Answer Key

Answers for all 24 questions

1. $1\frac{11}{20}$	2. $\frac{13}{30}$
3. $4\frac{4}{5}$	4. 11
5. $\frac{1}{40}$	6. $\frac{1}{28}$
7. 30	8. $6\frac{7}{12}$
9. $2\frac{1}{8}$	10. $\frac{13}{15}$
11. $\frac{7}{12}$	12. 6
13. 60	14. $\frac{5}{18}$
15. $\frac{1}{15}$	16. 8
17. 9	18. 4
19. $\frac{11}{12}$	20. $\frac{1}{10}$
21. $3\frac{1}{3}$	22. 33
23. $\frac{1}{6}$	24. $\frac{1}{50}$