

Grade 4 Fractions Challenge Worksheet Set 045

Grade 4 · Fractions · Challenge

Name: _____ Date: _____

Use equivalent fractions, comparison, like-denominator operations, and whole-number reasoning. Simplify when requested.

1. Complete the equivalent fraction: $\frac{2}{3} = \frac{?}{15}$.

Answer: _____

2. Complete the equivalent fraction: $\frac{2}{3} = \frac{4}{?}$.

Answer: _____

3. Compare $\frac{1}{3}$ and $\frac{3}{5}$. Write $<$ or $>$.

Answer: _____

4. What is $\frac{2}{3}$ of 9?

Answer: _____

5. Add and simplify: $\frac{1}{6} + \frac{4}{6}$.

Answer: _____

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

Answer: _____

7. Write $2\frac{7}{10}$ as an improper fraction.

Answer: _____

8. Write $\frac{5}{3}$ as a mixed number.

Answer: _____

9. A trail crew finished $\frac{4}{10}$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $\frac{5}{6} = \frac{?}{12}$.

Answer: _____

11. Complete the equivalent fraction: $\frac{1}{4} = \frac{4}{?}$.

Answer: _____

12. Compare $\frac{2}{5}$ and $\frac{8}{12}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{3}{10}$ of 80?

Answer: _____

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

Answer: _____

15. Subtract and simplify: $\frac{5}{12} - \frac{4}{12}$.

Answer: _____

16. Write $5\frac{1}{2}$ as an improper fraction.

Answer: _____

17. Write $\frac{8}{3}$ as a mixed number.

Answer: _____

18. A trail crew finished $\frac{1}{2}$ of a route. What fraction of the route remains?

Answer: _____

19. Complete the equivalent fraction: $\frac{3}{4} = \frac{?}{20}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{1}{2} = \frac{4}{?}$.

Answer: _____

21. Compare $\frac{1}{2}$ and $\frac{2}{3}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{2}{6}$ of 72?

Answer: _____

23. Add and simplify: $\frac{4}{12} + \frac{3}{12}$.

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

1. 10	2. 6
3. <	4. 6
5. $\frac{5}{6}$	6. $\frac{1}{8}$
7. $\frac{27}{10}$	8. $1\frac{2}{3}$
9. $\frac{3}{5}$	10. 10
11. 16	12. <
13. 24	14. $\frac{1}{1}$
15. $\frac{1}{12}$	16. $\frac{11}{2}$
17. $2\frac{2}{3}$	18. $\frac{1}{2}$
19. 15	20. 8
21. <	22. 24
23. $\frac{7}{12}$	24. $\frac{1}{4}$