

Pre-Algebra & Algebra I
Fractions Test Review

Fill in the box with $>$, $<$, or $=$.

1. $\frac{1}{5}$ $\frac{1}{4}$

2. $\frac{2}{3}$ $\frac{2}{5}$

3. $\frac{7}{8}$ $\frac{3}{4}$

4. $2\frac{1}{5}$ $\frac{11}{5}$

5. $\frac{15}{4}$ $4\frac{1}{4}$

Fill in the boxes to make the fractions equivalent.

6. $\frac{2}{3} = \frac{\square}{6} = \frac{8}{\square}$

7. $\frac{1}{5} = \frac{3}{\square} = \frac{\square}{25}$

8. $\frac{2}{4} = \frac{10}{\square} = \frac{\square}{2}$

9. $\frac{10}{3} = 3\frac{\square}{\square}$

10. $5\frac{2}{3} = \frac{\square}{\square}$

11. $\frac{13}{4} = \square\frac{\square}{\square}$

12. $7\frac{2}{3} = \frac{\square}{\square}$

Find the sum or difference for each problem. Write your answers as a simplified fraction.

13. $\frac{1}{5} + \frac{2}{5}$

14. $\frac{7}{3} - \frac{2}{3}$

15. $\frac{1}{4} + \frac{1}{3}$

16. $\frac{7}{8} - \frac{1}{5}$

17. $2\frac{1}{5} + 3\frac{2}{3}$

18. $10\frac{4}{7} - 7\frac{1}{3}$

Find the product or quotient for each problem. Write your answers as a simplified fraction.

19. $\frac{1}{5} \cdot \frac{2}{3}$

20. $\frac{3}{4} \cdot \frac{4}{5}$

21. $2\frac{1}{4} \cdot \frac{3}{5}$

22. $\frac{4}{5} \div \frac{1}{2}$

23. $\frac{2}{3} \div \frac{4}{5}$

24. $1\frac{1}{6} \div \frac{2}{5}$