

Divide Fractions

Write the reciprocal of each number.

1. $\frac{2}{3}$ _____

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

3. $\frac{1}{7}$ _____

4. $\frac{5}{6}$ _____

5. 3 _____

6. $\frac{7}{8}$ _____

7. $\frac{1}{4}$ _____

8. $\frac{11}{12}$ _____

9. $1\frac{3}{10}$ _____

10. $3\frac{1}{2}$ _____

11. $5\frac{4}{5}$ _____

12. $2\frac{5}{9}$ _____

Divide. Write each answer in simplest form.

13. $\frac{1}{3} \div \frac{1}{4} =$ _____

14. $\frac{1}{2} \div \frac{4}{5} =$ _____

15. $\frac{2}{3} \div 8 =$ _____

16. $\frac{7}{10} \div \frac{3}{4} =$ _____

17. $\frac{5}{8} \div \frac{3}{4} =$ _____

18. $\frac{1}{3} \div \frac{5}{6} =$ _____

19. $\frac{5}{6} \div 5 =$ _____

20. $\frac{3}{5} \div \frac{4}{5} =$ _____

21. $\frac{3}{10} \div 9 =$ _____

22. $\frac{2}{3} \div \frac{9}{10} =$ _____

23. $\frac{4}{5} \div 8 =$ _____

24. $\frac{1}{3} \div \frac{2}{3} =$ _____

25. $\frac{3}{8} \div 6 =$ _____

26. $\frac{3}{4} \div \frac{1}{8} =$ _____

27. $\frac{1}{5} \div \frac{2}{5} =$ _____

Algebra & Functions Write \times or \div to make each number sentence true.

28. $\frac{1}{3} \bigcirc \frac{3}{8} = \frac{1}{8}$

29. $\frac{5}{12} \bigcirc \frac{5}{6} = \frac{1}{2}$

30. $\frac{1}{5} \bigcirc 3 = \frac{1}{15}$

31. $\frac{3}{10} \bigcirc \frac{2}{5} = \frac{3}{4}$

32. $\frac{4}{5} \bigcirc 6 = 4\frac{4}{5}$

33. $\frac{7}{8} \bigcirc \frac{2}{3} = \frac{7}{12}$

Problem Solving

34. It takes $\frac{7}{8}$ inch of wire to make a small paper clip. How many small paper clips can be made from a piece of wire that is 14 inches long?
- _____

35. Lewis uses $\frac{1}{2}$ of a container to hold large paper clips. Each large paper clip takes up $\frac{1}{16}$ of the container. How many large paper clips are in the container?
- _____