

Simplify each fraction to its lowest form.

1. $\frac{3}{6}$

2. $\frac{12}{28}$

3. $\frac{5}{45}$

4. $\frac{20}{50}$

5. $\frac{12}{36}$

Change each mixed number into an improper fraction.

6. $2\frac{4}{7}$

7. $5\frac{3}{4}$

8. $4\frac{1}{2}$

9. $6\frac{2}{3}$

Perform the indicated operation with fractions. Your final answers should be reduced and circled.

10. $\frac{1}{7} + \frac{4}{7}$

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

12. $\frac{4}{9} + \frac{5}{9}$

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

14. $\frac{5}{7} + \frac{1}{2}$

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

16. $\frac{3}{8} + \frac{5}{10}$

17. $2\frac{8}{9} + \frac{2}{3}$

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

19. $\frac{5}{8} - \frac{3}{8}$

20. $3\frac{1}{4} - \frac{3}{4}$

21. $2\frac{2}{5} - \frac{4}{5}$

22. $\frac{6}{7} - \frac{1}{2}$

23. $\frac{2}{3} - \frac{7}{12}$

24. $\frac{1}{4} - \frac{3}{12}$

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

26. $\frac{5}{7} \cdot \frac{2}{3}$

27. $\frac{4}{5} \cdot \frac{7}{9}$

28. $\frac{6}{8} \cdot \frac{1}{3}$

29. $2\frac{1}{5} \cdot \frac{2}{3}$

30. $4 \cdot \frac{3}{7}$

31. $10 \cdot \frac{1}{2}$

32. $0 \cdot \frac{17}{38}$

33. $\frac{2}{7} \cdot 3\frac{4}{9}$

34. $\frac{1}{8} \div \frac{6}{5}$

35. $3\frac{1}{3} \div \frac{2}{5}$

36. $\frac{2}{7} \div \frac{6}{9}$

37. $\frac{3}{16} \div \frac{7}{10}$

38. $\frac{7}{8} \div \frac{4}{5}$

39. $\frac{8}{12} \div \frac{12}{14}$

40. $8 \div \frac{1}{2}$

41. $\frac{4}{5} \div 4$