

Use multiplication or division to complete the equivalent fraction.

1. $\frac{12}{20} = \frac{24}{40}$ 2. $\frac{1}{6} = \frac{10}{60}$ 3. $\frac{1}{20} = \frac{5}{100}$ 4. $\frac{3}{5} = \frac{30}{50}$ 5. $\frac{1}{8} = \frac{4}{32}$
 6. $\frac{4}{7} = \frac{28}{49}$ 7. $\frac{5}{6} = \frac{25}{30}$ 8. $\frac{2}{5} = \frac{8}{20}$ 9. $\frac{3}{8} = \frac{15}{40}$ 10. $\frac{4}{10} = \frac{28}{70}$

Simplify the fractions. Use the Check 2 - 3 - 5 - 7 Method. If you can't divide BOTH the numerator AND the denominator by 2, 3, 5, or 7, the fraction is simplified. "If the answer is no, you're good to go!"

11. $\frac{7}{35} = \frac{1}{5}$ 12. $\frac{14}{20} = \frac{7}{10}$ 13. $\frac{4}{8} = \frac{1}{2}$ 14. $\frac{14}{35} = \frac{2}{5}$ 15. $\frac{72}{108} = \frac{2}{3}$
 16. $\frac{8}{20} = \frac{2}{5}$ 17. $\frac{9}{18} = \frac{1}{2}$ 18. $\frac{6}{15} = \frac{2}{5}$ 19. $\frac{50}{55} = \frac{10}{11}$ 20. $\frac{6}{18} = \frac{1}{3}$

Compare the fractions.

21. $\frac{42}{114} < \frac{13}{15}$ 22. $\frac{60}{96} < \frac{3}{4}$ 23. $\frac{1}{12} < \frac{30}{70}$ 24. $\frac{6}{8} > \frac{2}{3}$ 25. $\frac{2}{3} < \frac{9}{10}$
 26. $\frac{1}{4} < \frac{6}{10}$ 27. $\frac{12}{120} < \frac{1}{4}$ 28. $\frac{1}{17} < \frac{8}{32}$ 29. $\frac{6}{9} > \frac{15}{60}$ 30. $\frac{12}{17} < \frac{16}{22}$

Convert each improper fraction to a mixed number by dividing. You do not need to reduce/simplify.

31. $\frac{15}{4} = 3\frac{3}{4}$ 32. $\frac{20}{3} = 6\frac{2}{3}$ 33. $\frac{26}{6} = 4\frac{2}{6}$ 34. $\frac{29}{5} = 5\frac{4}{5}$ 35. $\frac{17}{8} = 2\frac{1}{8}$
 36. $\frac{37}{4} = 9\frac{1}{4}$ 37. $\frac{39}{6} = 6\frac{3}{6}$ 38. $\frac{27}{5} = 5\frac{2}{5}$ 39. $\frac{11}{4} = 2\frac{3}{4}$ 40. $\frac{9}{8} = 1\frac{1}{8}$
 41. $\frac{64}{7} = 9\frac{1}{7}$ 42. $\frac{22}{4} = 5\frac{2}{4}$ 43. $\frac{25}{7} = 3\frac{4}{7}$ 44. $\frac{22}{7} = 3\frac{1}{7}$ 45. $\frac{13}{6} = 2\frac{1}{6}$
 46. $\frac{7}{4} = 1\frac{3}{4}$ 47. $\frac{69}{7} = 9\frac{6}{7}$ 48. $\frac{29}{3} = 9\frac{2}{3}$ 49. $\frac{12}{5} = 2\frac{2}{5}$ 50. $\frac{9}{2} = 4\frac{1}{2}$