

Fraction Review Sheet

Set 1. Practice in forming equivalent fractions.

1. $\frac{1}{2} = \frac{3}{?}$ 2. $\frac{1}{4} = \frac{8}{?}$ 3. $\frac{1}{5} = \frac{?}{40}$ 4. $\frac{?}{200} = \frac{1}{5}$ 5. $\frac{?}{49} = \frac{3}{7}$
6. $\frac{1}{3} = \frac{17}{?}$ 7. $\frac{4}{8} = \frac{?}{72}$ 8. $\frac{1}{5} = \frac{?}{100}$ 9. $\frac{7}{9} = \frac{42}{?}$ 10. $\frac{1}{3} = \frac{8}{?}$

Set 2. Rewrite each fraction in lowest terms.

11. $\frac{6}{120}$ 12. $\frac{3}{27}$ 13. $\frac{22}{4}$ 14. $\frac{13}{39}$ 15. $\frac{36}{16}$ 16. $\frac{110}{4}$ 17. $\frac{24}{48}$ 18. $\frac{63}{90}$ 19. $\frac{52}{4}$ 20. $\frac{5}{255}$

Set 3. Rewrite each as an improper fraction

21. $12\frac{1}{2}$ 22. $2\frac{3}{5}$ 23. $7\frac{1}{3}$ 24. $4\frac{7}{9}$ 25. $20\frac{2}{5}$

Set 4. Simplify each of the following.

26. $\frac{2}{4} + \frac{1}{4}$ 27. $\frac{3}{22} + \frac{15}{22}$ 28. $\frac{2}{3} + \frac{1}{4}$ 29. $\frac{1}{2} + \frac{4}{6}$
30. $\frac{1}{5} + \frac{3}{4}$ 31. $\frac{5}{7} + \frac{1}{6}$ 32. $7\frac{10}{11} + 3\frac{1}{9}$ 33. $22\frac{1}{5} + 2\frac{6}{7}$
34. $\frac{2}{9} - \frac{5}{9}$ 35. $\frac{13}{14} - \frac{7}{14} =$ 36. $33 - \frac{2}{5}$ 37. $55 - \frac{7}{9}$
38. $12\frac{5}{16} - 7\frac{1}{16}$ 39. $17\frac{1}{5} - 3\frac{3}{8}$ 40. $34\frac{1}{6} - 8\frac{1}{2}$ 41. $112\frac{3}{8} - 6\frac{5}{9}$
42. $\frac{2}{8} \cdot \frac{1}{9} =$ 43. $\frac{2}{7} \cdot \frac{5}{8} =$ 44. $\frac{5}{12} \cdot \frac{1}{10} =$ 45. $\frac{2}{3} \cdot 12$
46. $\frac{6}{7} \cdot 22$ 47. $\frac{2}{3} \cdot \frac{5}{8}$ 48. $\frac{5}{8} \cdot \frac{7}{9}$ 49. $\frac{5}{6} \cdot \frac{3}{30}$
50. $\frac{5}{14} \cdot \frac{2}{60}$ 51. $5\frac{1}{2} \cdot 6\frac{3}{5}$ 52. $6\frac{1}{6} \cdot \frac{7}{12}$ 53. $\frac{1}{2} \cdot 4\frac{3}{4}$
54. $\frac{18}{24} \div \frac{5}{6}$ 55. $\frac{18}{30} \div \frac{2}{3}$ 56. $\frac{76}{100} \div \frac{4}{5}$ 57. $12\frac{3}{4} \div \frac{1}{3}$
58. $12 \div \frac{1}{2}$ 59. $\frac{125}{5} \div \frac{1}{2}$ 60. $4\frac{2}{3} \div 2\frac{1}{4}$ 61. $2\frac{2}{5} \div \frac{1}{12}$