

Where Are You At?

Take a look at the groups of fraction questions below. Can you manage all of them? Where do you need more help? Remember, you are in control of your own learning. I will do a formal lesson on each type of fraction question but you need to determine where it is that you need extra help. The self-assessments help you to determine your needs. Make sure that you are doing them.

A. Add the following fractions.

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| 1. $\frac{3}{5} + \frac{4}{5}$ | 2. $\frac{3}{8} + \frac{4}{5}$ | 3. $\frac{2}{3} + \frac{7}{9}$ |
| 4. $\frac{5}{6} + \frac{11}{18}$ | 5. $\frac{8}{7} + \frac{4}{7}$ | 6. $\frac{4}{9} + \frac{2}{7} + \frac{2}{3}$ |
| 7. $\frac{14}{9} + \frac{8}{7}$ | 8. $2\frac{1}{3} + 5\frac{1}{4}$ | 9. $\frac{5}{7} + \frac{3}{7} + \frac{2}{7}$ |
| 10. $6\frac{1}{8} + 5\frac{5}{5}$ | 11. $2\frac{7}{8} + 6\frac{1}{8}$ | 12. $\frac{3}{8} + \frac{5}{9} + \frac{1}{3}$ |

B. Subtract the following fractions.

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| 1. $\frac{6}{7} - \frac{4}{7}$ | 2. $\frac{3}{4} - \frac{1}{6}$ | 3. $\frac{8}{4} - \frac{7}{4}$ |
| 4. $\frac{9}{10} - \frac{4}{5}$ | 5. $\frac{9}{10} - \frac{2}{7}$ | 6. $\frac{11}{7} - \frac{5}{8}$ |
| 7. $\frac{23}{24} - \frac{3}{8}$ | 8. $\frac{16}{13} - \frac{0}{4}$ | 9. $5\frac{1}{4} - 5\frac{1}{8}$ |
| 10. $6\frac{2}{3} - 5\frac{3}{4}$ | 11. $2\frac{3}{4} - 1\frac{2}{9}$ | 12. $6 - 1\frac{4}{7}$ |

C. Find the product of the following fractions.

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| 1. $\frac{5}{6} \times \frac{9}{10}$ | 2. $\frac{11}{15} \times \frac{25}{33}$ | 3. $1\frac{2}{3} \times \frac{4}{5}$ |
| 4. $2\frac{3}{5} \times 4$ | 5. $\frac{2}{7} \times 1\frac{1}{6}$ | 6. $2\frac{2}{3} \times 3\frac{3}{8}$ |
| 7. $2\frac{2}{3} \times 1\frac{1}{8}$ | 8. $\frac{5}{16} \times 1\frac{1}{2}$ | 9. $\frac{2}{5} \times \frac{3}{4} \times \frac{15}{16}$ |
| 10. $2\frac{2}{3} \times 3$ | 11. $5 \times \frac{3}{8}$ | 12. $\frac{5}{8} \times 6\frac{2}{5} \times \frac{1}{4}$ |

D. Find the quotient of the following fractions.

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| 1. $\frac{1}{4} \div \frac{1}{8}$ | 2. $\frac{3}{15} \div \frac{9}{1}$ | 3. $\frac{9}{10} \div \frac{3}{4}$ |
| 4. $\frac{4}{5} \div \frac{8}{15}$ | 5. $9 \div \frac{2}{3}$ | 6. $\frac{4}{25} \div 16$ |
| 7. $\frac{7}{8} \div \frac{5}{6}$ | 8. $9\frac{1}{6} \div 11$ | 9. $3\frac{1}{2} \div 7$ |
| 10. $8\frac{1}{3} \div 7$ | 11. $6\frac{2}{5} \div 5\frac{3}{5}$ | 12. $12\frac{1}{5} \div 15$ |