

Name: _____ Period: _____

Math 9: Fractions Quiz #2

Full credit will only be awarded for all work shown in a neat and organized manner.

1. Draw a picture to calculate $\frac{5}{6} \times \frac{1}{3}$

2. Solve each. Answer with a reduced fraction (Can be mixed or improper)

a. $\frac{25}{12} \times \left(-\frac{18}{10}\right) =$

b. $0.3 \div \frac{7}{20} =$

c. $\frac{5}{8} \times \frac{6}{5} \times \frac{10}{9} =$

d. $(-2) \div \left(-1\frac{1}{5}\right) \times \left(-1\frac{3}{4}\right) =$

e. $\frac{5}{9} - \frac{7}{6} \times \frac{5}{21} =$

f. $\frac{2}{3} - \frac{5}{3} \div 1\frac{3}{4} =$

g. $\left(\frac{7}{8}\right)^0 - \frac{2}{7} \times \left(3\frac{1}{3} - 4\frac{1}{2}\right) =$

h. $\left(0.8 - \frac{12}{5}\right)^2 - 1\frac{1}{10} =$

3. Mr. G is baking cookies for his Pre-Calculus 11 classes. He wants to bake 6 and a half batches of cookies. Each batch needs $2\frac{1}{3}$ cups of flour. How much flour does Mr. G need to bake all the cookies? (Answer with a mixed fraction)
4. Mr. G has baked $6\frac{1}{2}$ batches of cookies for his Pre-Calculus 11 classes. On the way to school, Mr. G drops $1\frac{1}{6}$ batches of cookies on the ground. Mr. G decides to split the rest of the cookies evenly between his three Pre-Calculus 11 classes. What fraction of a batch of cookies does each class get? (Answer with a mixed fraction)