

-Class: _____ Name: : _____ **Super Fun Math Exam review #3**

A. Fraction Terminology – Give an example of each

1. Numerator _____ $\frac{1}{2}$ _____

2. Denominator _____ $\frac{1}{2}$ _____

3. Whole number _____ 2 _____

4. Mixed number _____ $5\frac{1}{2}$ _____

5. Decimals _____ 0.22 _____

6. Improper fraction _____ $\frac{7}{2}$ _____

7. Unlike Fractions _____ $\frac{1}{2}$ _____ $\frac{1}{4}$ _____

8. Like fractions _____ $\frac{1}{2}$ _____ $\frac{1}{2}$ _____

9. Reduce/Simplest form _____ $\frac{2}{8} = \frac{1}{4}$ _____

B. Addition of fractions

1. $\frac{2}{3} + \frac{1}{2} = 1\frac{1}{6}$

2. $\frac{5}{12} + \frac{3}{8} = 19/24$

3. $1\frac{7}{9} + 3\frac{2}{3} = 5\frac{4}{9}$

4. $2\frac{1}{4} + 1\frac{1}{2} = 3\frac{3}{4}$

C. Subtraction of fractions

1. $\frac{5}{6} - \frac{3}{10} = 8/15$

2. $1\frac{1}{2} - \frac{3}{4} = 3/4$

D. Multiplication of fractions

1. $\frac{6}{8} \times \frac{1}{4} = 3/16$

2. $\frac{5}{9} \times 2\frac{1}{10} = 1\frac{1}{6}$

E. Division of fractions

1. $\frac{8}{9} \div 6 = 4/27$

2. $\frac{1}{2} \div \frac{1}{16} = 8$

3. $9 \div \frac{4}{5} = 11 \frac{1}{4}$

4. $3 \frac{3}{6} \div 2 \frac{1}{3} = 1 \frac{1}{2}$

F. Expressing fractions as decimals. *Round the answer to one decimal place. *

1. $\frac{5}{3} = 1.7$

2. $\frac{25}{8} = 3.1$

3. $\frac{4}{5} = .8$

4. $\frac{3}{10} = .3$

G. Word Problems

1. Aidan pours 7 liters of soup into huge cups. The capacity of each cup is $\frac{3}{4}$ liters. How many cups does she need? 10
2. Ryan had 280 cards. He placed $\frac{3}{4}$ of the cards inside his schoolbag and gave $\frac{2}{5}$ of the remainder to his friends. How many cards did he have left? 42
3. Miffy bought 120 eggs. She used $\frac{2}{3}$ of them for baking cakes. She used $\frac{1}{4}$ of the remainder for baking cookies. How many eggs did she have left? 30
4. Mr. R only had \$600. He donated $\frac{3}{5}$ of it and spent $\frac{3}{8}$ of the remainder. How much did he spend? 90
5. A rectangle measures $1 \frac{1}{2}$ meters by $2 \frac{3}{5}$ meters. Find its area. $3 \frac{9}{10}$