Order of Operations with Fractions Worksheet Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Simplify the following expressions & reduce to lowest terms. Day \_\_\_ Period \_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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SHOW YOUR WORK ON A SEPARATE PIECE OF PAPER PLEASE! |
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| 1. http://www.madison.k12.ky.us/ms/clubs/stlp/projects/math/assests/mathmonkey.gif
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Answers:

a) $\frac{1}{3}$ b) $-\frac{3}{14} or-0.214$ c) $12.\overbar{1}$ d) $\frac{17}{9}$ e) $\frac{21}{16}$ f) $\frac{19}{27}$ g) $\frac{625}{36}$

Math 9

SHOW YOUR WORK ON A SEPARATE PIECE OF PAPER PLEASE!

**Word Problems:**

1. In January, the temperature in West Vancouver is 2­­0C at 4:00pm and drops by 1.30C each hour. What will the temperature be at 11:00pm?
2. Temperatures in Vancouver over the course of 5 days were as follows:

$$-4.2℃, -1.4℃, 5.9℃, 3.7℃, 1.8℃$$

What was the mean temperature?

1. During an 800m race, Liam gained $\frac{1}{4}$s over his nearest opponent during the first 100m. He then lost $\frac{2}{3}s$ during the second 100m, lost a further $\frac{1}{8}s$ during the third 100m, but gained $\frac{1}{2}$s during the fourth 100m. How much time will Liam have to gain on his opponent during the last 400m to win the race?
2. The height of the water level in a tank dropped by $\frac{1}{4}.$ Bess used $\frac{3}{5}$ of what was left. Write the final height of the water as a fraction of the original height.
3. Erica earned $56 baby-sitting. She spent $\frac{1}{4}$ of the money on a movie ticket and $\frac{2}{5}$ of the original amount on a t-shirt. How much money does Erica have left?

Answers:

1) -7.10C

2) 1.160C

3)$ \frac{1}{24}$s

4)$ \frac{9}{20}$

5) $19.60