

## 5<sup>th</sup> Grade Assignment – Week #21

### Group Assignments:

*For Tuesday.*

#### ***Metric Measurement***

- 1) Fill in the blanks for these problems. Hint: write the order of the prefixes first.
- |                     |                       |
|---------------------|-----------------------|
| a) 3 m = ____ cm    | g) 60,000 g = ____ kg |
| b) 75 ℓ = ____ cℓ   | h) 7000 cm = ____ m   |
| c) 37 g = ____ mg   | i) 700 cm = ____ m    |
| d) 300 cm = ____ mm | j) 70 cm = ____ m     |
| e) 300 mm = ____ cm | k) 7 cm = ____ m      |
| f) 8 km = ____ m    | l) 0.4 kg = ____ g    |

#### ***Decimal Fraction Practice***

- |                |                  |
|----------------|------------------|
| 2) 0.06 + 0.09 | 6) 0.748 – 0.3   |
| 3) 0.6 + 0.009 | 7) 0.748 – 0.003 |
| 4) 0.06 x 0.09 | 8) 3.8 – 0.17    |
| 5) 0.6 x 0.009 | 9) 120 x 0.0007  |

#### ***Common Fractions***

- 10) Put these common fractions in order from least to greatest:  $\frac{3}{4}$ ,  $\frac{4}{5}$ ,  $\frac{7}{9}$

*For Thursday*

#### ***Decimal Fractions    Discovery!***

- 1) Do each of the below calculations, and see if you can discover the shortcut.
- |                |               |                    |
|----------------|---------------|--------------------|
| a) 1.23 x 10   | e) 1.2 x 100  | i) 0.0008 x 1000   |
| b) 1.23 x 100  | f) 0.8 x 10   | j) 0.0537 x 1000   |
| c) 1.23 x 1000 | g) 0.08 x 10  | k) 43.827 x 100    |
| d) 1.2 x 10    | h) 0.008 x 10 | l) 43.827 x 10,000 |

#### ***Puzzles!***

- 2) Jenny and Taylor went to dinner and split the cost, but not evenly. The total cost for the dinner was \$28. How much did Jenny pay if she paid \$5 less than Taylor?
- 3) Stacey rides the bus every day back and forth from her house to her work. How much did she have to pay for riding the bus last month, if she worked 18 days, and the cost to ride the bus is \$1.40 per one-way trip?

## Individual Work

- *Metric Measurement.*
  - *Measure!!!* Keep practicing measuring (length, weight and volume) all kinds of things with metric units. Remember to always guess before you measure.
- 1) Fill in the blanks for these problems:
  - a) 8 m = \_\_\_\_ mm
  - b) 13 ℓ = \_\_\_\_ mL
  - c) 820 g = \_\_\_\_ mg
  - d) 7000 mm = \_\_\_\_ cm = \_\_\_\_ m
  - e) 900 mL = \_\_\_\_ cℓ = \_\_\_\_ ℓ
  - f) 2 kg = \_\_\_\_ g = \_\_\_\_ mg
- *Main Lesson Book Pages.* Anything left over from last week, that still needs to be completed
- *Common fraction practice.*
  - 2) a)  $\frac{3}{5} - \frac{1}{2}$       b)  $\frac{8}{13} + \frac{9}{13}$       c)  $\frac{11}{40} + \frac{7}{8}$       d)  $\frac{5}{8} \times \frac{3}{7}$       e)  $\frac{7}{20} \times \frac{3}{20}$       f)  $\frac{2}{5} \div \frac{5}{6}$       g)  $\frac{8}{15} \div \frac{2}{15}$
- *Decimal fraction practice.*
  - 3) a) 0.53 + 0.064      b) 93.2 + 0.006      c) 0.8 + 0.92      d) 17.3 – 0.6      e) 0.0542 – 0.003  
f) 0.7 – 0.02      g) 0.5 x 0.7      h) 0.2 x 0.4      i) 0.011 x 0.004      j) 1.3 x 0.0015
- *Converting between decimal fractions and common fractions.*
  - 4) With each of the below problems, rewrite the given decimal fraction in two ways: as a single fraction (with a power of ten denominator), and then as a series of fractions where each one has a single-digit numerator and a power of ten denominator. (Don't reduce.)
    - a) 0.694      b) 0.0087
  - 5) Convert each common fraction into a decimal fraction.
    - a)  $\frac{17}{100}$       b)  $\frac{73}{1000}$       c)  $\frac{9}{50}$       d)  $\frac{113}{200}$