Grade 8 Homework January 22 – 26 2018 Ms.Boyle

Monday

Let’s Review what we have learned about fractions so far!

1. Turn each mixed fraction into an improper fraction. Be sure to reduce if possible!

a. $3\frac{4}{5}$ b. $2\frac{6}{7}$ c.10 $\frac{2}{3}$

2. Turn each improper fraction into a mixed fraction

a. $\frac{14}{3}$ b. $\frac{22}{4}$ c. $\frac{34}{9}$

3. Solve using a picture

a. $\frac{2}{5}$ x $\frac{3}{4}$ b. 4 x $\frac{4}{5}$

c. $\frac{1}{4}$ of 6 d. 3 x $\frac{2}{6}$

Tuesday

1. Solve using a picture

a. 5÷ $\frac{3}{5}$ b. $\frac{1}{4}$ ÷ 4

c. $\frac{2}{3}$ ÷ $\frac{1}{4}$

2. Solve and reduce if possible.

a. $3\frac{2}{5}$ + $4\frac{4}{15}$ b. $\frac{6}{9}$ + $\frac{3}{27}$

c. $6\frac{1}{4}$ - $4\frac{2}{12}$ d. $\frac{8}{3}$ - $\frac{9}{4}$

Wednesday

Which operation would you use to solve the following word problems? Solve.

1. Landen used $\frac{2}{3}$ cup of milk and $\frac{1}{4}$ cup of oil to make cookies. How much liquid did he use altogether?

2. One- third of the cars in the parking lot are silver. There are 165 cars in the lot. How many cars are silver?

3. Emma has $\frac{3}{8}$ cup of yogurt. She needs $\frac{3}{4}$ cup of yogurt to make a smoothie. How much more yogurt does she need?

4. Part of a pizza was shared equally between Brayden and Xander. Each got $\frac{5}{12}$ of the whole pizza. How much pizza was shared?

Thursday

Order of operations (PEMDAS)

1. $\frac{1}{2}$ x $\frac{3}{5}$ + $\frac{1}{4}$ 2. $\frac{4}{9}$ x ($\frac{2}{3}$ - $\frac{1}{6}$) - $\frac{1}{8}$ x $\frac{4}{3}$