Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Homework: Module 6 – HW # 2

Due:

 **Show all your work in the space provided!**

Review

**Remember to show your work! Use a scratch piece of paper if necessary.**

1. 345 $÷$ 4 = \_\_\_\_\_\_\_\_
2. Write 5,436.27 in expanded form.

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1. 7,623 x 52 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Problem Solving

**Show your work! Use a scratch piece of paper if necessary.**

1. Janell is making necklaces with string. She has $3\frac{5}{16}$ yards of white string and $2\frac{3}{8}$ yards of green string. How many total yards of string does Janell have?
2. Kevin has $3\frac{1}{4}$ pounds of flour. He used $2\frac{2}{3}$ pounds to make 8 cakes. How much flour does Kevin have left?

Challenge Problems: (Optional)

\_\_\_\_\_\_ + $\frac{2}{3}=1\frac{4}{15}$

Kirk grew a crystal in science class. On Monday it was $\frac{13}{16} inch tall. It had grown \frac{1}{4}$ inch between Friday and Monday. It had grown $\frac{1}{2}$ inch between Tuesday and Friday. How tall was Kirk’s crystal on Tuesday? \_\_\_\_\_\_\_\_\_\_\_in.

Current Study

**Remember to show your work! Use scratch paper if necessary**.

1.) Use the Order of Operations to solve. (Hint: Solve left to right.)

$\frac{2}{5} - \frac{1}{4} + \frac{1}{2}$ =

2.) $4\frac{3}{4} + 5\frac{5}{16}= \\_\\_\\_\\_\\_\\_\\_\\_\\_$ (Hint: Decompose the mixed numbers. Add the whole numbers first. 4 + 5 = 9. Then add the fraction parts.)

3.) $6\frac{4}{5} - 4\frac{1}{3}$ = \_\_\_\_\_\_\_\_ (Hint: Decompose the mixed numbers. Subtract the whole numbers. 6 – 4 = 2. Then solve $2\frac{4}{5}- \frac{1}{3}.$ Find the common denominator then subtract.)