Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Homework WEEK 12**

Solve the following problems **without a calculator**. You *MUST* show your work. **IPS strategy** must be used on all Word Problems.

***NO WORK = NO CREDIT.***

**Homework – Monday**

|  |  |
| --- | --- |
| 1. A cookie recipe for 60 cookies calls for 4 cups of flour. How much flour is needed to make 90 cookies? | 2. Determine whether 15/5 and 6.2/31 are equivalent ratios. Show your work. |
| 3. Solve and graph on a number line.  5/9 k < 25 | 4. 12v - 8(v -2) = 20 |

**Homework- Tuesday**

|  |  |
| --- | --- |
| 1. Imani runs ⅔ of a mile in ¾ of an hour. If she continues at this rate, how far can Imani run in a full hour? | 2. Evaluate 3 12. |
| 3. The formula for the perimeter (P) of a rectangle is  P = 2l + 2w, where l represents the length and w represents the width. What is the perimeter of a rectangle that has a length of 11 centimeters and a width of 8 centimeters? | 4. Solve for x.  7.5 = 4.2  12 x |

**Homework - Wednesday**

|  |  |
| --- | --- |
| 1. What is the value of x in the equation:  2x + 6 = 8 | 2. Jennifer swam 60 meters in 42.8 seconds and Camryn swam 90 meters in 61.2 seconds. Who swam the fastest? |
| 3. Solve for x.  x = 37.5  58 100 | 12. Le’Andre drove 352 miles to his aunt’s house. The trip took him 5 ¼ hours. What was his average speed in miles per hour? |

**Homework - Thursday**

|  |  |
| --- | --- |
| 1. Solve the inequality. Then graph the solution. | 2. Which is the better buy?   1. 4 t-shirts for the price of $21.50 2. 3 t-shirts for $18.75 |
| 3. A novelist can write 2 ¼ pages in ⅗ of an hour. What is her speed in pages per hour? | 4. The formula for converting temperatures in degrees Celsius (C) to temperatures in Fahrenheit (F) is:  The temperature is 65∘ F. What is the temperature in degrees Celsius? |