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

**Homework WEEK 13**

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. Keon runs ⅚ of a mile in ¾ of an hour. If he continues at this rate, how long will it take for Jeff to run the full mile?  | 2. Determine whether 15/10 and 37.5/25.1 are equivalent ratios. Show your work. |
| 3. Solve for x.  4 = x 10 35 | 4. 4x + 3(x - 5) = 51 |

**Homework- Tuesday**

|  |  |
| --- | --- |
| 1. Allela took 22 minutes to do 13 math problems. Jordan took 24 minutes to do 12 math problems. Which student did more problems per minute? How do you know? | 2. Write the decimal equivalent of 54 . 99 |
| 3. Lauren bikes 1 ⅓ miles in 1/10 hour. What is her rate of speed in miles per hour?  | 4. Solve for x. 7.5 = 4.2 12 x |

**Homework - Wednesday**

|  |  |
| --- | --- |
| 1. What is the value of r in the equation: r + 7 = -19 4 | 2. Leah runs ⅚ of a mile in ¾ of an hour. If she continues at this rate, how far can Leah run in a full hour?  |
| 3. Solve and graph on a number line. 3 k < 5  5 | 4. Is this a proportional relationship? Explain.

|  |  |
| --- | --- |
| dollars | pens |
| 1 | 70 |
| 3 | 210 |
| 5 | 350 |

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**Homework - Thursday**

|  |  |
| --- | --- |
| 1. Solve the inequality:$7- x < 18$ | 2. In a long jump event, Jaxon jumped 2 ⅓ meters. In the same event, Kyle jumped 1 ¾ meters. How much farther did Jaxon jump than Kyle? |
| 3. You can get 640 calories from eating 5 bananas. How many calories can you get from eating 1 banana?  | 4. The formula for converting temperatures in degrees Celsius (C) to temperatures in Fahrenheit (F) is:$F=\frac{9}{5}C+32$The temperature is 32∘ F. What is the temperature in degrees Celsius? |