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

**Homework WEEK 9**

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**

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| 1. List the steps for solving a two-step equation. | 2. 5x - 8 = 32 |
| 3. Simplify the expression. (11a + 9b - 2c) - (-4a - 3b + c) | 4. -⅚ x = 10   |

**Homework- Tuesday**

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| --- | --- |
| 1. Solve for p.-⅓ p + ¼ = ⅚  | 2. Solve -r + 7s, when r = -12 and s = 5. |
| 3. In a cookie recipe, Mario used 2 ⅓ cups of sugar. Jennifer used ¾ cups less than Mario. How much sugar did Jennifer use? Write an equation and then solve. | 4. 14v + 6(v -2) = 38 |

**Homework - Wednesday**

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| 1. Solve the multi-step equation: 12x - 4(x - 4) = 32 | 2. Distribute -⅔ (8x - 9) |
| 3. Solve the inequality: 4n > -16 | 4. Below are the temperatures recorded in Boston:-8, 11, 15, -3, x, 9. If the total of the temperatures recorded was 36, what must x be? |

**Homework - Thursday**

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| 1. Solve for x. $ -\frac{9}{48 } = -\frac{1}{6} +\frac{3}{16}x$ | 2. Solve for p. $-\frac{1}{3}p + \frac{5}{12} = \frac{5}{6}$ |
| 3. Describe the options when graphing inequalities on a number line. | 4. Solve and graph the inequality: 19 + 2m < 29. |