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

**Week 17-Honors-Homework: Monday, December 15, 2014**

**Directions:** Solve the following problems. You *MUST* show your work. ***NO WORK = NO CREDIT.***

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| 1. Peter is standing 445 feet above sea level and Paul is standing 638 feet below sea level. Write an integer that represents the difference in the elevation between Peter and Paul.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 2. The temperature in Atlanta on Saturday was 59 degrees Fahrenheit. On the same day, the temperature in Chicago was -13 degrees Fahrenheit. How much warmer was it in Atlanta than Chicago on Saturday?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. Over the last three weeks, Destiny got paid $43.91, $21.32, and $65.11. During that time, she bought two pairs of pants for $29.50 each. At the end of the 3 weeks, how much money does she have?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. Graph the following ordered pairs:  (1, -1) (4, -1) (4, -4) (1, -4)  What is the area? \_\_\_\_ What is the perimeter? \_\_\_\_ |

**Homework: Tuesday, December 16, 2014**

**Directions:** Solve the following problems. You *MUST* show your work. ***NO WORK = NO CREDIT.***

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| 1. What are the opposites of 2, -7, and 3⅓?   |  | | --- | |  |   Answers: \_\_\_\_\_\_\_\_\_\_\_\_\_ | 3. Give 6 ordered pairs that are located in Quadrant IV.   |  | | --- | |  |   Answers: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. What are the absolute values of 12, -17.3, and 3⅓?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. Give six ordered pairs that are not in Quadrant II.  Answers: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Homework: Honors-Wednesday, December 17, 2014**

**Directions:** Solve the following problems. You *MUST* show your work. ***NO WORK = NO CREDIT.***

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| 1. Three children are each eating a candy bar.  · Martha has eaten 14/5 of her candy bar  · Andre has eaten 23/4 of his candy bar  · Travis has eaten 37/10 of his candy bar  From this information, who ate the most?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 2. Draw a rectangle that has an area of 36 units2. |
| 3. Which inequality is true?    a. -6.33 < -6.3  b. -1.1 < -1.97  c. -0.48 < -0.5  d. -10.5 < -10.64   |  | | --- | |  |   Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. On a coordinate graph, what is the distance between points A (14, 3) and B (-25,3)   |  | | --- | |  |   Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Homework: Thursday, December 18, 2014**

**Directions:** Solve the following problems. You *MUST* show your work. ***NO WORK = NO CREDIT.***

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| 1. Place the following values in order from smallest to largest: 4.67, 4.667, 4.76, and 4.77.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_ | 2. Place the following values in order from largest to smallest: 15/16, 7/8, 3/4, and 1/2.    Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. Solve and graph the following inequality: 4x - 20> 1.6.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. Simplify the following expression: 7a - 5(a + 4) - 21  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |