Week 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Homework: Tuesday, September 6, 2016**

***TRY YOUR BEST! SHOW ALL OF YOUR WORK! ☺☺ NO WORK! NO CREDIT!***

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| **Which number is irrational?**   1. 1.6739 B. C. D. | **Order the numbers below from least to greatest.**  **7**   1. , , 7, 2. , , , 7 3. , 7, , 4. 7, , , |
| **ASTRONOMY** The pull of gravity on the surface of Mars is 0.38 that of Earth. Write 0.38 as a fraction in simplest form. | **Which number is rational?**   1. B. C. -9 D. 2 |

**Homework: Wednesesday, September 7, 2016**

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| Which answer is a solution to the inequality shown?   1. B. 2 C. D. 5 | **Which number is an integer?**   1. B. C. - D. |
| What is the distance between point A and B on the number line?  B  A  http://img.sparknotes.com/figures/5/50ca5e784bb7e4242910d5b8a571d103/number_line.gif  4.5  3.5   1. 2 units B. 7.25 units C. 1.25 units D. 5.5 units | |
| **EDUCATION** A local middle school has 47 computers and 174 students. What is the number of students per computer at the school? Write your answer as both a mixed number in simplest form and a decimal rounded to the nearest tenth. | Which is a proper classification of -6.789……?   1. Rational and whole 2. Rational and integer 3. Irrational and integer 4. Irrational and real |

**Homework: Thursday, September 8, 2016**

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| Tori has a goal to practice gymnastics 5 hours a week. The table below shows her practice schedule. How much time will she be short of her goal?   |  |  | | --- | --- | | Day of the Week | Time Spent Practicing | | Monday | of an hour | | Tuesday | of an hour | | Wednesday | 1 hour and 15 minutes | | Thursday | * 1. hour |  1. 3 hours B. 1 ½ hours C.2 hours D. 2 ½ hours | Nick and Anthony decided to paint the bonus room. Nick painted ¼ of the room and Anthony painted 0.4 of the room. What percent of the room was painted by Nick and Anthony?   1. 75% B. 65% C. 80% D. 18%   Which of the following answers describes the set of numbers that -64 belongs to?   1. Prime 2. Integers only 3. Irrational only 4. Both integers and rational |
| **BASEBALL** In the 2008 season, the Florida Marlins won 84 out of 162 games. What was the ratio of wins to total games? Write your answer as both a fraction in simplest form and a decimal rounded to the nearest thousandth. | Which is a proper classification of -9.21?   1. Rational and negative 2. Irrational and decimal 3. Irrational and negative 4. Rational and integer |