**Answer the following questions on a separate sheet of paper.**

1. Madi has a special deck of cards. Each card has a different rational number on it. The cards are 0.2, ⅝, ¼, 0.48, and ¾. How many cards have a value greater than ½?
2. Put the following numbers in order from least to greatest.
	1. -0.46, -0.48, -0.45, -0.47
3. Draw a number line that shows the correct placement of the following points.
	1. -0.31
	2. -0.33
	3. -0.38

-0.3

-0.4

* 1. -0.29
1. Oakleigh placed the numbers -3/8, 0.27, -0.3, and 4/7 on a number line. Which number was furthest from zero?
2. Keren divided a 15-pound bag of oranges into 4 equal piles. How many oranges were in each pile?
3. True or false. All rational numbers are also integers
4. Kabren wrote the numbers 4⅔, 4⅜, 5⅞, and 1⅓ in the form ‘a over b’. What is the greatest numerator that Kabren wrote?
5. Keelii claims that 4.26 is not a rational number because it is not written is a ratio of integers (a over b form). Is she correct? Why or why not.
6. In a 100-meter dash, Cooper ran it in 13.54 seconds, Landon ran it in 12.95 seconds, Robert ran it in 13.35 seconds, and Mr. Noll ran it in 34.12 seconds. Which runner had the fastest time?
7. Write the numbers -2.1, -1⅚, -1⅔, and -2.2 in order from least to greatest.
8. Which lettered points in the number line
have absolute values less than 3?
9. If x is a rational number and y is the opposite of x, why do x and y have the same absolute value?

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| **Day** | **Temperature** |
| Monday | −1.2°C |
| Tuesday | −2.0°C |
| Wednesday | −1.8°C |
| Thursday | −1.4°C |

1. The table shows the daily temperatures for a four-day period in Chicago. On which day or days was the temperature lower than -1.5°C?
2. Explain how to write the rational number 4.16 in the form a/b.
3. Michael compared the absolute values of -2⅛, -2.25, 2⅜, -2.29, and 2⅖. Which number has the greatest absolute value? (Which number is furthest from zero?)