Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_

**Task #1**: write the EQUIVALENT decimal value for the benchmark fractions listed below.



**Task #2**: Rewrite the fractions listed on the number line in their simplest form. (Show your work in the space provided)

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |

**Task#3**: Write the words for each of the decimals listed below (your words should include the place value)

1. 0.8 b. 0.32 c. 0.6 d. 0.17

**Task #4**: Convert the decimals to their EQUIVALENT fraction format (show your work in the space provided).

a.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Task #5: Using the video link on our class website: <https://www.youtube.com/watch?v=1DHqRtPuG-4>

Choose two of the fractions that you made for a-d and plot them on the number lines provided. (Be sure to make your number lines according to what you learned from the video.)

Summary of learning:

You must respond in complete sentences. Your response must be in print and you must use a pencil.

Explain how you would graph the value: 6 on a number line. Your explanation should include the natural number that precedes the rational number and the natural number that comes directly after your rational number. You should also explain how you will equally divide the number line to show the DENOMINATOR of your rational number.