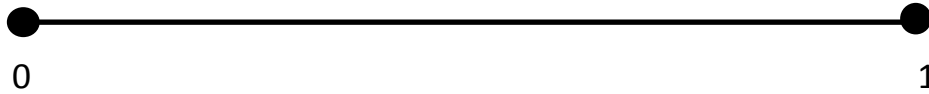


Name: \_\_\_\_\_

## My Fraction Number Line Mysteries

⇒ Use the number line to illustrate each mystery.

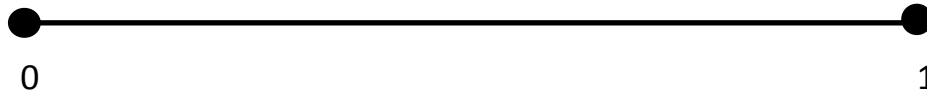
### Mystery 1



1. I am a number on a number line between 0 and 1.
2. The number line is cut into 4 equal pieces.
3. I am a number in the middle of the number line.

Which number am I? \_\_\_\_\_

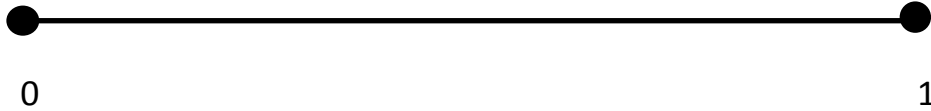
### Mystery 2



1. I am a number on a number line between 0 and 1.
2. The number line is cut into 8 equal pieces.
3. I am smaller than  $\frac{1}{2}$ .
4. I am larger than  $\frac{1}{8}$ .
5. My denominator is 8.
6. My numerator is an odd number.

Which number am I? \_\_\_\_\_

### Mystery 3



1. I am a number on a number line between 0 and 1.
2. The number line is cut into 4 equal pieces.
3. I am smaller than  $\frac{4}{4}$ .
4. I am larger than  $\frac{1}{2}$ .

Which number am I? \_\_\_\_\_

???

⇒ Look for patterns in Fraction Number Line Mysteries. What does each clue tell you?

1. Clue #1 tells \_\_\_\_\_  
\_\_\_\_\_
2. Clue #2 tells \_\_\_\_\_  
\_\_\_\_\_
3. The last line always asks \_\_\_\_\_  
\_\_\_\_\_
4. The middle clues always \_\_\_\_\_  
\_\_\_\_\_

⇒ **Your Turn to write a Fraction Number Line Mystery!**

- Use the Planning Page worksheet to write your own Fraction Number Line Mystery.
- Make sure your clues follow the patterns you found above.
- Make sure your middle clues leave only one possible answer.