**CASTLE LEARNING ASSIGNMENT 6A**

1.  What number represents the numerator in the fraction?

1. 4
2. 13
3. 7
4. 6

2.  Which fraction is in simplest form?

1. 
2. 
3. 
4. None of the above

3.  Write the fraction that would represent the number of vowels in the word **BEAUTIFUL**? Place your answer in *simplest form*.

Answer: \_\_\_\_\_\_\_

4.  What fraction of the weekdays begin with the letter "T"?

Place your answer in *simplest form*.

Answer: \_\_\_\_\_\_\_

5.   The number 14 is divisible by all of the following *except* \_\_\_\_\_\_\_.

1. 14
2. 2
3. 3
4. 7

6. Which fraction is equal to ?

1. 
2. 
3. 
4. 

7.  Compare these fractions:  . Which symbol makes the sentence true?

1. <
2. >
3. =
4. None of the above

8. Nadia is making a list of the factors of 36. What factor is missing from her list?

1, 2, 3, 4, 6, \_\_\_\_\_, 12, 18, 36

Answer: \_\_\_\_\_\_\_

9.  If a number is evenly divisible by 5, then the

1. digit in the ones place must be 0
2. digit in the ones place must be 5
3. digit in the ones place must be 0 or 5
4. sum of the digits must be divisible by 5

10.  The number 357 is \_\_\_\_\_\_\_.

1. prime
2. composite
3. neither prime nor composite
4. both prime and composite

11.  What is the greatest common factor of 12 and 56?

Answer:  \_\_\_\_\_\_\_

12.  The number 393 is \_\_\_\_\_\_\_.

1. prime
2. composite
3. neither prime nor composite
4. both prime and composite

13.  The number 29 is \_\_\_\_\_\_\_.

1. prime
2. composite
3. neither prime nor composite
4. both prime and composite

14. Which of the following is the greatest common factor of 16 and 40?

1. 16
2. 2
3. 8
4. 4

15.  What is the greatest common factor of 27 and 36?

Answer: \_\_\_\_\_\_\_