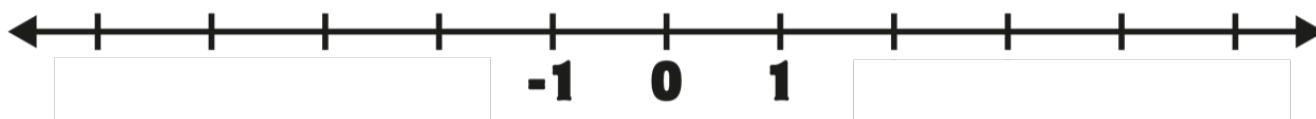Name:_____   Date:_____

Introduction to Integers

IMPORTANT VOCABULARY:

- **Opposites:** Numbers that are the same_____ from zero on a number line, but in _____ directions.
- **Integers:** The set of all _____ numbers and their _____.

INTRODUCTION TO INTEGERS

1. _____ numbers are greater than 0.
2. Sometimes positive numbers are written with a _____ sign.
3. If a number doesn't have a sign in front of it, it is understood that it is _____.
4. What are some examples of positive numbers?

5. Numbers that are less than 0 are called _____ numbers.
6. Negative numbers are always written with a _____ sign.
7. What are some examples of negative numbers?

8. Fill in the missing numbers on the number line:

GUIDED PRACTICE

Negative Key Words	Positive Key Words

Profit	Loss	Below Sea Level	Above Sea Level	Withdraw
Deposit	Ascend	Descend	Saving	Spending

Name:_____   Date:_____

Introduction to Integers

#1   What integer represents saving $65?

#2   What integer represents spending $100?

#3   What integer represents scoring 13 points?

#4   What integer represents 45 feet feet above sea level?

#5   What integer represents 3 degrees below zero?

#6   What integer represents depositing $22 into your bank account?

#7 What integer represents an airplane descending 1,000 feet?

#8 What integer represents 125 feet below sea level?

#9 In the space below, draw and label the surface of the ocean, a bird that is 25 feet above sea level and a fish that is 50 feet below sea level.
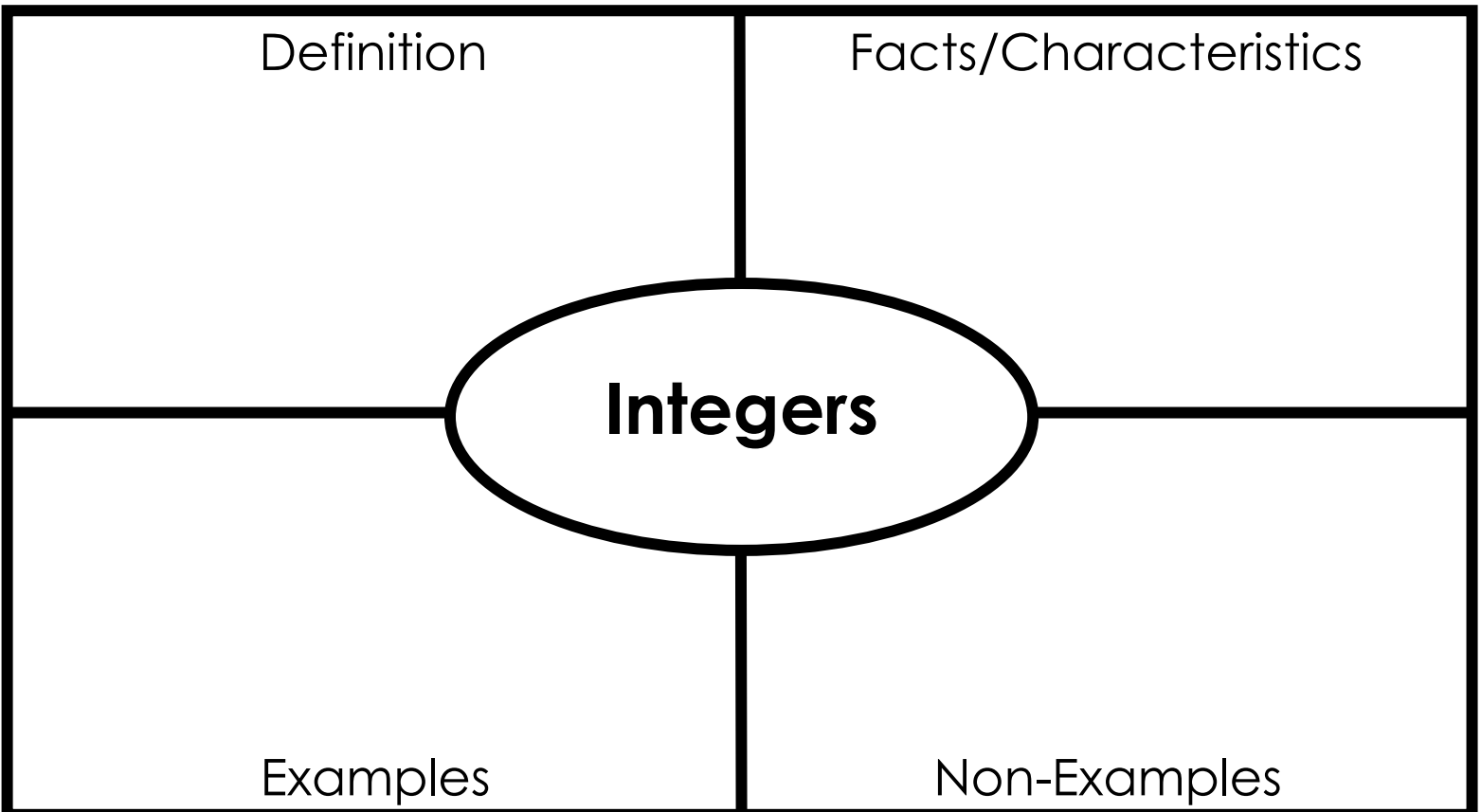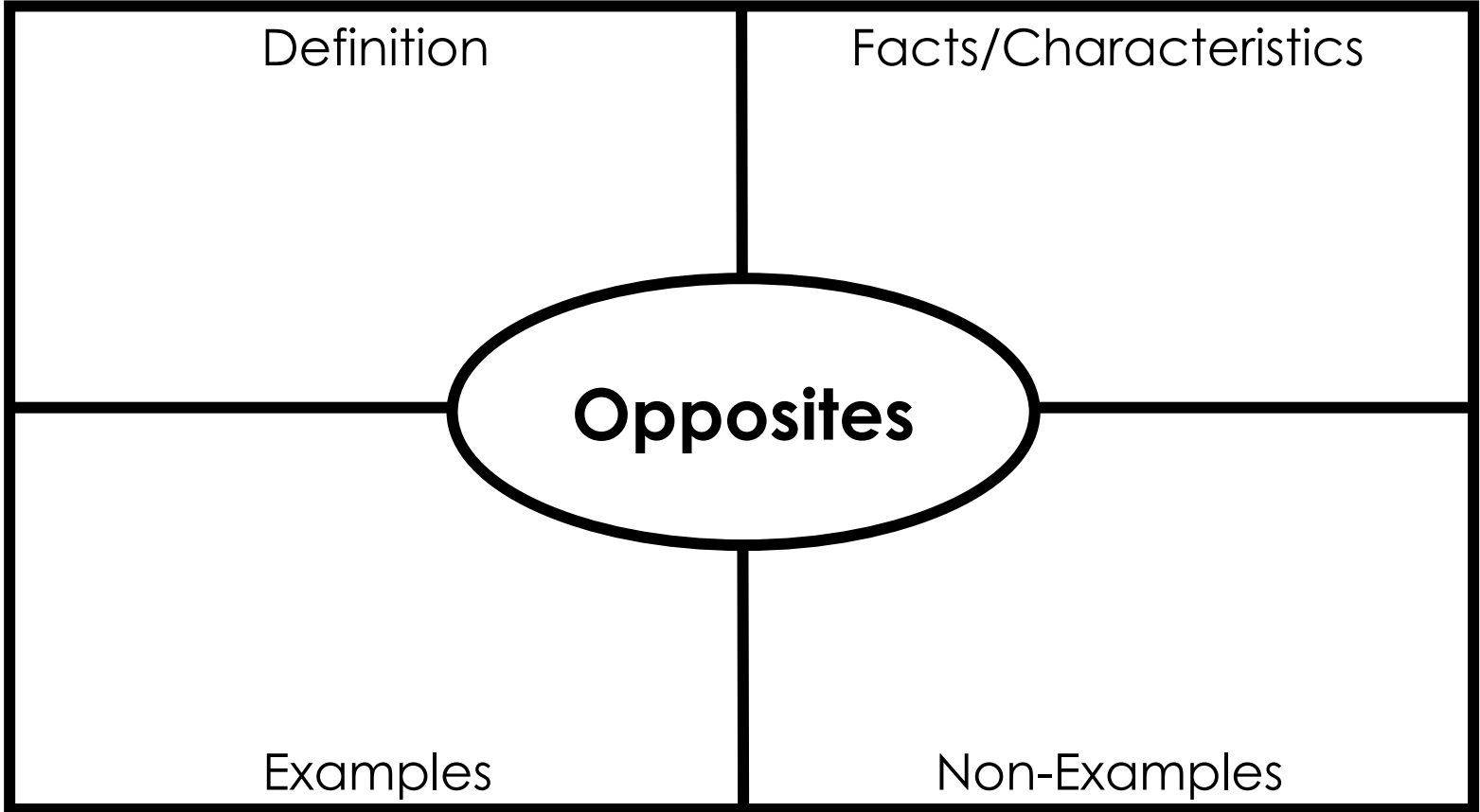
Name:_____   Date:_____

Introduction to Integers

Definition	Facts/Characteristics

Opposites

Examples	Non-Examples

Definition	Facts/Characteristics

Integers

Examples	Non-Examples

Name:_____   Date:_____

Introduction to Integers Assessment

Select the correct answer for each question.

1. Which number is the opposite of 9?
   a) -9
   b) 1
   c) 9
   d) 91

2. Which two numbers are a pair of opposites?
   a) 50, 45
   b) -5, -4
   c) -5, -5
   d) -4, 4

3. What integer represents ascending 400 feet?
   a) 400
   b) 0
   c) -40
   d) -400

4. What integer represents losing 6 pounds?
   a) 6
   b) 0.6
   c) 0
   d) -6

5. What integer represents gaining 10 followers?
   a) 10
   b) 0
   c) -10
   d) -100

6. Select each situation that represents a negative integer.
   a) Withdrawing $10
   b) 10 feet below sea level
   c) Increasing 10 levels
   d) 10 degrees below zero
   e) A $10 profit

Answer the question below. Be sure to show all of your work.

7. Draw and label a number line that goes from -20 to 20, counting by 2s.