Practice: 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.
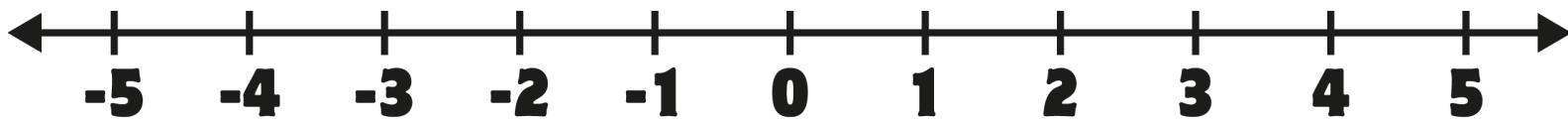
Introduction to Integers

1. **Positive** 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 **positive**
4. What are some examples of positive numbers?

   2, 16, 54, 1,000 etc.
5. Numbers that are less than 0 are called **negative** numbers.
6. Negative numbers are always written with a **--** sign.
7. What are some examples of negative numbers?

   -4, -10, -100, etc.

8. **Opposites** are numbers that are the same distance from 0, but are one different sides of 0.
9. **Integers** are the set of all whole numbers and their opposites.
10. Fill in the number line below:

$$\longleftarrow \quad -5 \quad -4 \quad -3 \quad -2 \quad -1 \quad 0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad \longrightarrow$$

11. Use the word bank to fill in the key words on the chart below.

Negative Key Words	Positive Key Words
Loss	Profit
Below Sea Level	Above Sea Level
Withdraw	Deposit
Descend	Ascend
Spending	Saving

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