

Lesson Notes

3.1

NAME _____

Module 3 Integers
Lesson 1 Integers and Absolute Value

Lesson Objectives

- Define negative integers.
- Find the absolute value of a number.
- Graph integers on a number line.
- Compare and order integers.

Subtopic 1 Negative Numbers

Negative numbers are numbers that are _____.

- ★ Which number can represent 2,000 feet below sea level? _____
- ★ Which number can represent a loss of eight yards? _____
- ★ Which number can represent a mountain with an elevation of 1,705 feet? _____

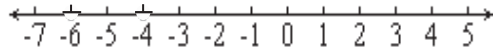
Subtopic 2 Opposite and Absolute Value

- Opposite numbers are numbers that are the _____ from zero on a number line but in _____ directions.
 - The absolute value of a number is the _____ the number is from _____. The absolute value of negative five is written in symbols as _____.
 - Integers are the whole numbers and _____.
- ★ What is the opposite of each number?
 -3 9
 - ★ What is $|-23|$ and $|64|$? _____

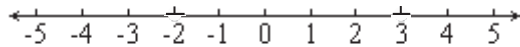
Subtopic 3 Compare Integers

On a number line, the number to the _____ is less than the number to the _____.

- 6 Compare -6 and -4. Write $>$ or $<$.

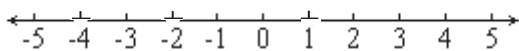


- 7 Compare -2 and 3. Write $>$ or $<$.



Subtopic 4 Order Integers

- 8 Order -2, -4, and 1 from least to greatest.



- 9 Order -1, 0, 2, -3, and -5 from least to greatest.

