**Integers and Absolute Value Notes** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Integers**: whole numbers and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Also known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

# Absolute Value: The distance a number is from \_\_\_\_\_\_\_\_\_\_

Examples: 2 = - 2 =

 - 2 - 1 0 1 2

Because they are both 2 units away from 0

![C:\Documents and Settings\jainslie\Local Settings\Temporary Internet Files\Content.IE5\6W2FJPU3\MC900432687[1].png]()

**Pause the video and try these on your own!**

**Then press play and check your answers with a color pen**

1) Place on a number line and list from least to greatest. – 6, 4, - 3, 1, - 5, 2

2) What is the opposite of 10?

3) What is the opposite of - 4 ?

For questions 4 – 12, compare using >, <, or =. Use a number line if necessary.

4) - 25 \_\_\_\_ 25 5) - 42 \_\_\_\_ -40 6) – 343 \_\_\_\_ - 434

7) –33 \_\_\_\_ - 37 8) -2 \_\_\_\_ 2 9) – 4 \_\_\_\_ 6

10) –4 \_\_\_\_ -7 11) - 3 \_\_\_\_ - 5 12) 4 + 6 \_\_\_\_ - 3 + 7