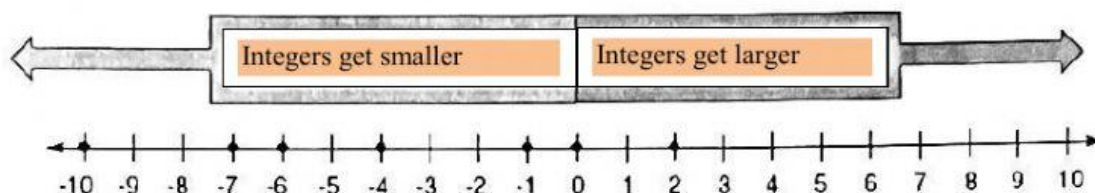FCTG

Compare Integers

* When comparing two integers on a number line (see below)

❖ the integers that are <u>farther to the right</u> are _____.

❖ the integers that are <u>farther to the left</u> are _____.

| Integers get smaller | Integers get larger |

-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

Example: Use >, <, or = to compare given pairs of integers.

Comparisons	Answer and Explanation
Compare -6 and -10.	
Compare -1 and 2.	
Order -4, 0, and -7 from <u>least to greatest</u>.	

TCTG

DO NOW!

1. Which number is <u>less</u>? –27 or 36?

2. Which number is <u>more</u>? –78 or –44?

3. Which number is more? –85 or –89?

4. Use >,<, or = to compre.

(1) –59 _____ –60   (2) –24 _____ –69   (3) –28 _____ –27

(4) –98 _____ –97   (5) –30 _____ 32   (6) –63 _____ –64

(7) –83 _____ –80.   (8) –45 _____ –46   (9) –31 _____ –82

5. Arrange and write the integers <u>from least to greatest</u>.

1)   92   -12   62   79   2)   -98   -74   42   2

_____

3)   13   -51   -27   65   4)   98   54   31   16

_____

5)   -78   46   -32   -19   6)   -99   -71   -70   -84

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