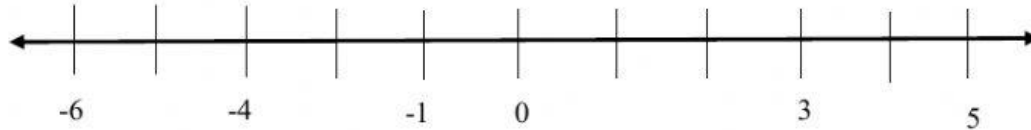


Name: _____

Integers

1. Complete the number line below.



Remember:

When *Comparing Integers* the number to the right of the number line are always larger than numbers to the left. If they're **RIGHT** they're **LARGE**. Example, 2 is larger than -5

2. Which integer is larger?

- | | | |
|-------------------|-------------------|-------------------|
| a) 3 or -3 _____ | b) -15 or 4 _____ | c) 0 or -2 _____ |
| d) -8 or -5 _____ | e) 7 or 3 _____ | f) 1 or -23 _____ |

3. Write the integers from least to greatest.

-4, 1, 4, 9, -16 _____

Remember:

When *Adding Integers* (1) When the signs are the same, you add and keep the sign that is common to both digits and (2) When the signs are different, you subtract and use the sign of the larger digit.

Examples, $-2 + -8 = -10$, $-4 + 7 = +3$

4. Add the integers below.

- | | | |
|---------------------------|--------------------------|-------------------------|
| a) $-5 + 6 =$ _____ | b) $1 + (-12) =$ _____ | c) $-4 + (-13) =$ _____ |
| d) $-3 + (-16) =$ _____ | e) $7 + (-2) =$ _____ | f) $-10 + 8 =$ _____ |
| g) $3 + 47 =$ _____ | h) $-21 + (-48) =$ _____ | i) $47 + (-21) =$ _____ |
| h) $-111 + (-46) =$ _____ | k) $-45 + 155 =$ _____ | l) $11 + (-15) =$ _____ |

Remember:

When *Subtracting Integers* change the subtraction sign to a plus sign and then change the sign of the number after it. **Keep Change Change.** Example, $-3 - (+4) \rightarrow -3 + (-4) = -7$


Keep Change Change

5. Subtract the integers below.

a) $5 - (+2) = \underline{\hspace{2cm}}$

b) $-7 - (-7) = \underline{\hspace{2cm}}$

c) $4 - (+7) = \underline{\hspace{2cm}}$

d) $-5 - (-4) = \underline{\hspace{2cm}}$

e) $27 - (-16) = \underline{\hspace{2cm}}$

f) $-2 - (-2) = \underline{\hspace{2cm}}$

g) $0 - (+6) = \underline{\hspace{2cm}}$

h) $-1 - (-4) = \underline{\hspace{2cm}}$

i) $-13 - (+3) = \underline{\hspace{2cm}}$

j) $-54 - (-46) = \underline{\hspace{2cm}}$

k) $5 - (-2) = \underline{\hspace{2cm}}$

l) $8 - (+6) = \underline{\hspace{2cm}}$