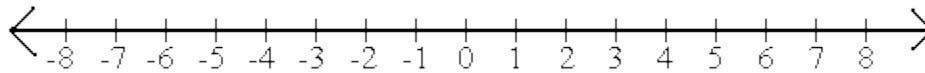
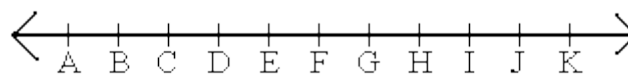


Review Exercise Set 6

Exercise 1: On the number line, which number is 3 units to the left of 5?



Exercise 2: On the number line below, if $F = 0$ and $G = 1$ what numbers are A and C ?



Exercise 3: Place the correct symbol "<" or ">" between the two numbers.

$$-51 \underline{\hspace{1cm}} 33$$

Exercise 4: Given the following numbers, what is the correct way to list them from smallest to largest?

$$-10, 4, 18, -7, 0$$

Exercise 5: Place the correct symbol "<", "=", or ">" between the two numbers.

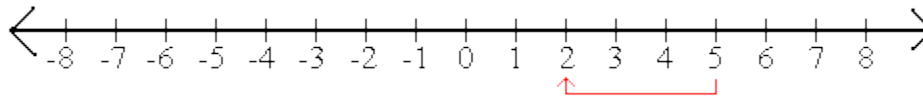
$$|-11| \underline{\hspace{1cm}} |3|$$

Exercise 6: Given the following numbers, what is the correct way to list them from smallest to largest?

$$-|-10|, 4, -(-18), |-7|$$

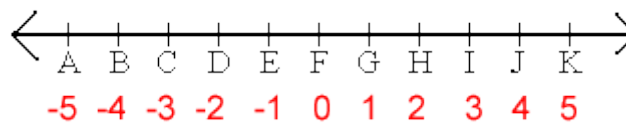
Review Exercise Set 6 Answer Key

Exercise 1: On the number line, which number is 3 units to the left of 5?



number = 2

Exercise 2: On the number line below, if F = 0 and G = 1 what numbers are A and C?



A = -5 and C = -3

Since the difference between F and G is one unit, the difference between each letter must also be one unit. Applying this pattern to the number line will show that A is negative five and C is negative three.

Exercise 3: Place the correct symbol "<" or ">" between the two numbers.

-51 ___ 33

-51 < 33

Exercise 4: Given the following numbers, what is the correct way to list them from smallest to largest?

-10, 4, 18, -7, 0

-10, -7, 0, 4, 18

Exercise 5: Place the correct symbol "<", "=", or ">" between the two numbers.

$$|-11| \underline{\quad} |3|$$

$$|-11| > |3|$$

Remember to the absolute value of a number is the number without a sign. So the absolute value of negative eleven (-11) is eleven (11). Eleven is larger than three so the correct symbol would be the greater than sign ">".

Exercise 6: Given the following numbers, what is the correct way to list them from smallest to largest?

$$-|-10|, 4, -(-18), |-7|$$

$$-(10), 4, 18, 7$$

$$-10, 4, 18, 7$$

$$-10, 4, 7, 18$$

First, simplify the list of numbers by removing the absolute value symbols and the parenthesis. Then list the numbers from smallest to largest.