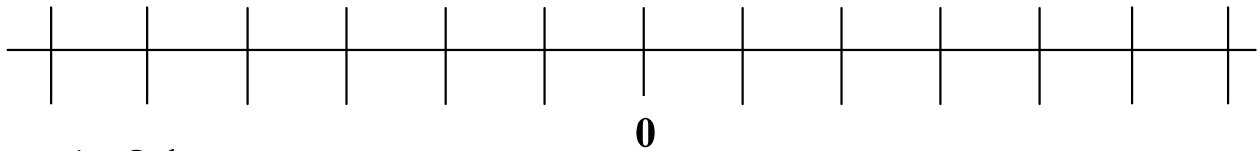


Name: \_\_\_\_\_ Date: \_\_\_\_\_

GRAPHING AND ORDERING RATIONAL AND IRRATIONAL NUMBERS

Directions: Graph the following numbers on a number line. Use your number line to put the numbers in order from **least to greatest**.

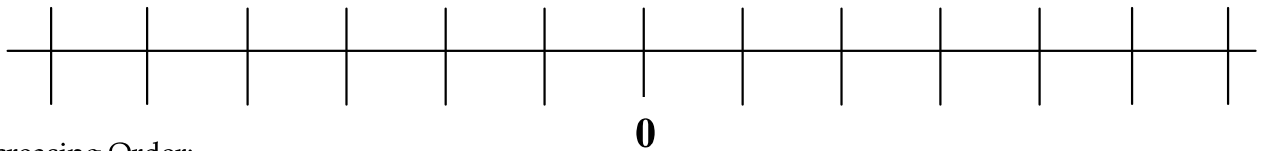
1. A: 0, B: -2, C: 5, D: -1, E: -4



Increasing Order:

\_\_\_\_\_

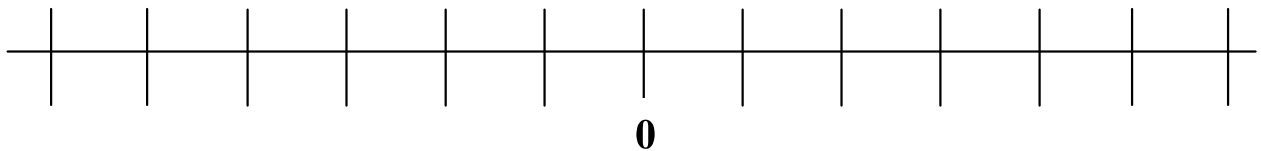
2. A:  $-5\frac{1}{4}$ , B:  $-5\frac{1}{2}$ , C:  $-5\frac{3}{4}$ , D: -5, E: -6



Increasing Order:

\_\_\_\_\_

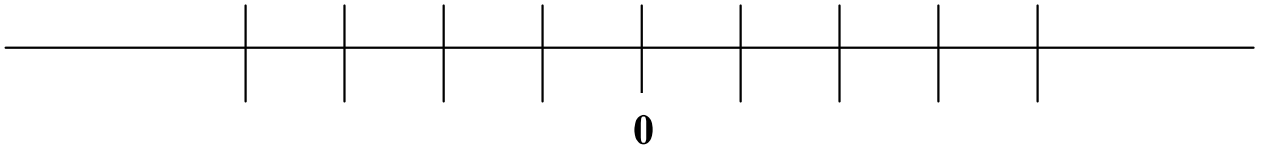
3. A:  $1\frac{1}{4}$ , B:  $-\frac{3}{4}$ , C: -0.25, D:  $-2\frac{1}{2}$ , E: 3.5, F:  $\frac{7}{4}$



Increasing Order:

\_\_\_\_\_

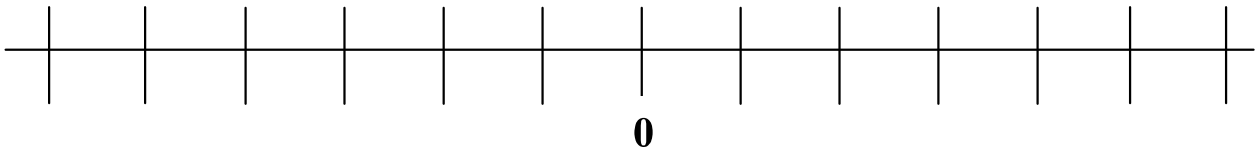
4. A:  $1\frac{1}{3}$ , B:  $-\frac{2}{3}$ , C: -2.25, D:  $3\frac{1}{2}$



Increasing Order:

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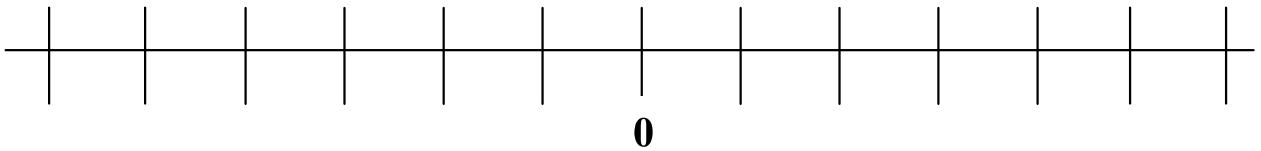
5. A:  $-6\frac{1}{4}$ , B:  $-6\frac{1}{2}$ , C:  $-6\frac{3}{4}$ , D: -6



Increasing Order:

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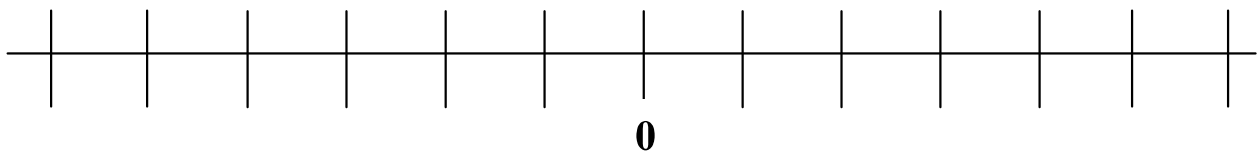
6. A:  $-1\frac{1}{3}$ , B:  $\frac{1}{3}$ , C:  $2\frac{2}{3}$ , D:  $-\frac{2}{3}$



Increasing Order:

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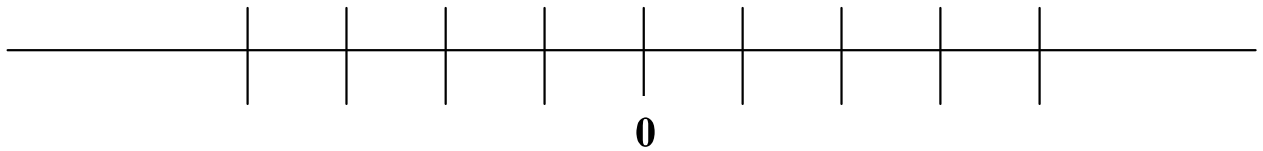
7. A: -6.2, B: -6.4, C: -6.8, D: -6.7



Increasing Order:

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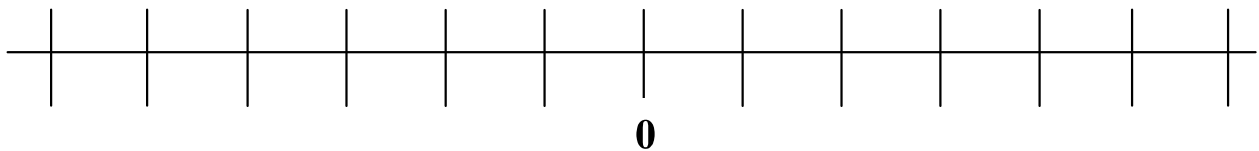
8. A:  $\sqrt{2}$ , B:  $-\frac{1}{3}$ , C: -2, D:  $1\frac{1}{2}$



Increasing Order:

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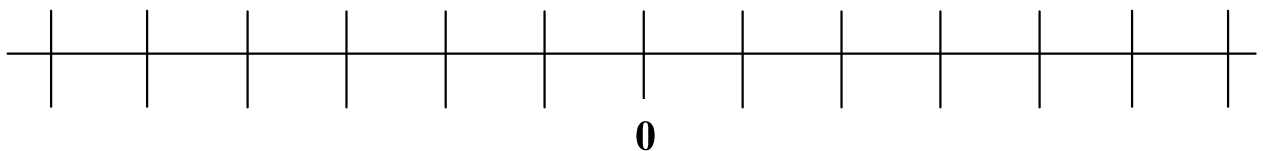
9. A:  $-\sqrt{40}$ , B: -6.5, C:  $-6\frac{3}{4}$ , D:  $-\sqrt{36}$



Increasing Order:

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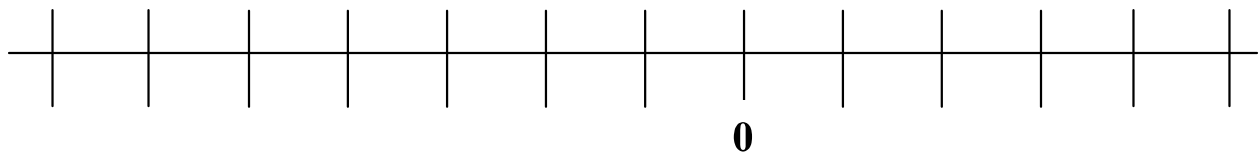
10. A:  $-1\frac{1}{3}$ , B:  $\sqrt{3}$ , C:  $\sqrt{4}$ , D:  $-\frac{2}{3}$



Increasing Order:

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11. A: -6.2, B:  $-\sqrt{36}$ , C: -6.8, D:  $-\sqrt{49}$



Increasing Order:

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