**Answers:**

1. Is $-\frac{1}{2}$ an integer? Justify your answer.

**Answer:** $-\frac{1}{2}$ is not an integer because an integer must be a whole number or zero. $-\frac{1}{2}$ is not a whole number.

1. Name the points graphed on each number line.

|  |  |
| --- | --- |
| a) | **0****1****2****3****4****-1****-2****-3****-4**-3-2-113 |
|  |  |
| b)  | **-4****-3****-2****-1****0****-5****-6****-7****-8**-8-7--5-3-4-1 |

1. Graph each set of numbers.

|  |  |
| --- | --- |
| a)  | $$\left\{-3, -2,\frac{1}{3},-1,-\frac{1}{3}, \frac{2}{3}, 0\right\}$$-3-2-1$$\frac{2}{3}$$$$0$$$$-\frac{1}{3}$$$$\frac{1}{3}$$ |
|  b) | $$\left\{-6.3, -7.4, -6, -4.5, -2.2\right\}$$**A picture containing object, antenna  Description automatically generated** 6-4.5-2.2-7.4-6.3 |

1. Arrange the real numbers below in ascending order: $-2.5, -1, 0, -1\frac{1}{2}, -\frac{1}{2}, 0.5, 1\frac{1}{4}$

**Answer:** $-2.5, -1\frac{1}{2}, -1, -\frac{1}{2}, 0, 0.5, 1\frac{1}{4} $

1. Represent the situation below with integers:

**Tom’s score in his Math quiz decreased by 3 points.**

**Answer:** -3

1. Find each absolute value.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| a) | $$\left|4.1\right|$$**Answer: 4.1** | b) | $$\left|-6.2\right|$$**Answer: 6.2** |  | $$\left|-\frac{11}{45}\right|$$**Answer:** $\frac{11}{45}$ |  | $$\left|22.60\right|$$**Answer: 22.60** |