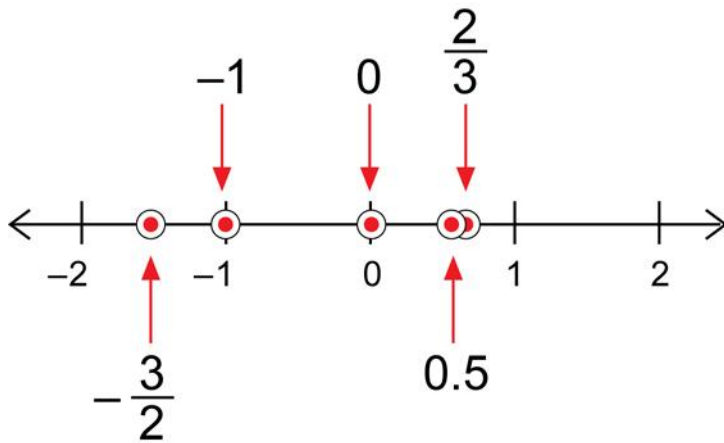


Are You Ready? Possible Solutions

1.



2.

Fraction	Decimal
$\frac{1}{2}$	0.5
$\frac{2}{3}$	$0.\overline{6}$
$\frac{3}{8}$	0.375
$\frac{7}{5}$	1.4

3. A whole number includes zero and the natural numbers. For example, 0, 1, 2, 3, 4, ...

A rational number includes all whole numbers as well as those numbers that can be expressed as a fraction, namely as $\frac{a}{b}$, where a and b are integers $b \neq 0$.

Examples of rational numbers include the integers, all fractions, and all terminating decimals and repeating decimals.

4.

-5 1 0 $-\frac{1}{5}$ 99 $\frac{3}{4}$	Natural Numbers
	1, 99
	Whole Numbers
	0, 1, 99
	Integers
	-5, 0, 1, 99
	Rational Numbers
	-5, $-\frac{1}{5}$, 0, $\frac{3}{4}$, 1, 99

5. a. $\sqrt{2} = 1.41421$

b. $\sqrt[3]{500} = 7.93701$

c. $\pi = 3.14159$