Name _____

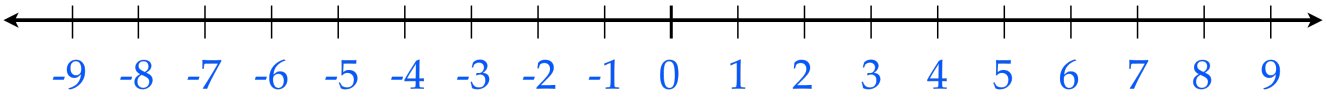
Number Line Properties

Date _____ Period _____

The Number Line

is a graphical way to represent relationships between numbers.

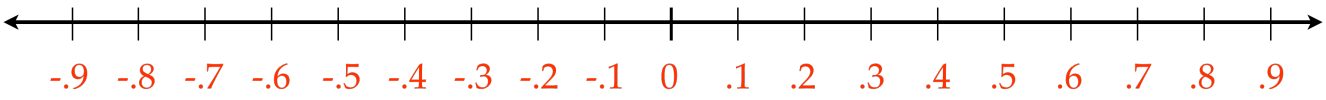
Integers



The Number Line

is a graphical way to represent relationships between numbers.

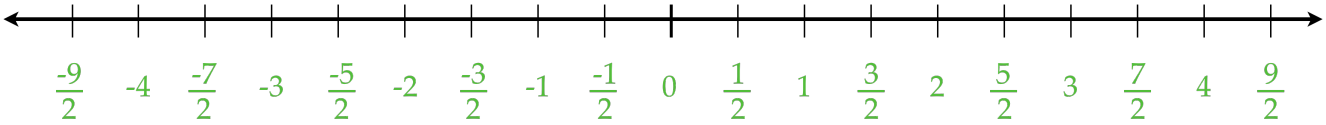
Decimals



The Number Line

is a graphical way to represent relationships between numbers.

Fractions



The Number Line

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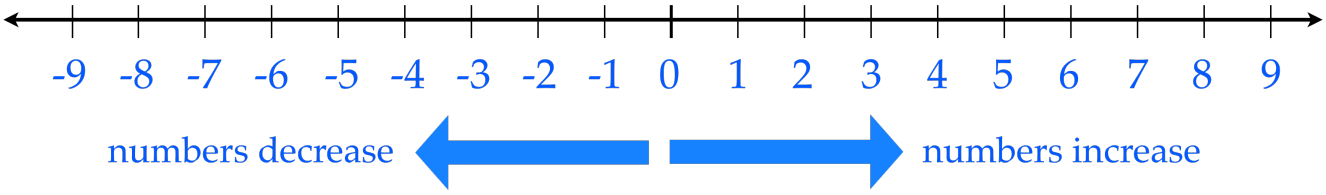

The Number Line

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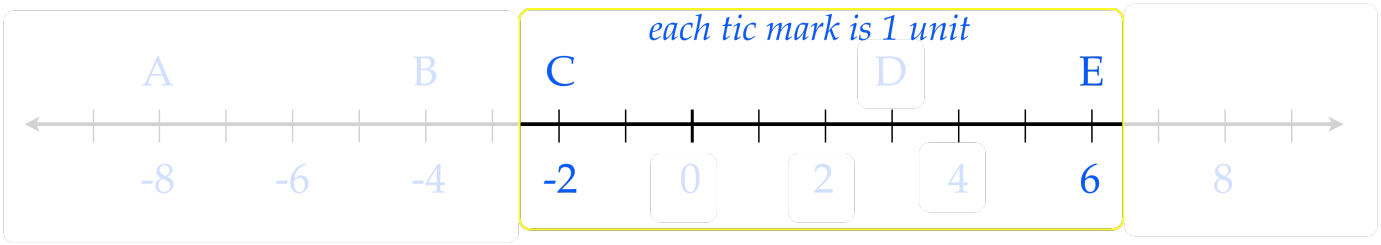

The Distance Between Two Points

CE = 8 units

CE = 6 – -2 = 8 units

The Number Line

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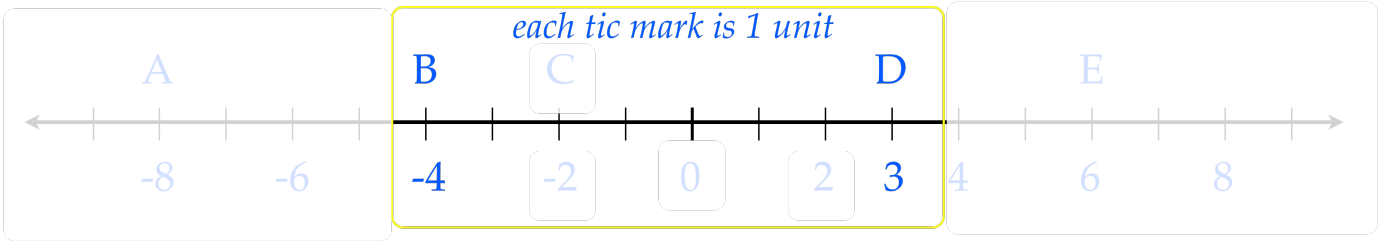


The Distance Between Two Points

CE = 8 units

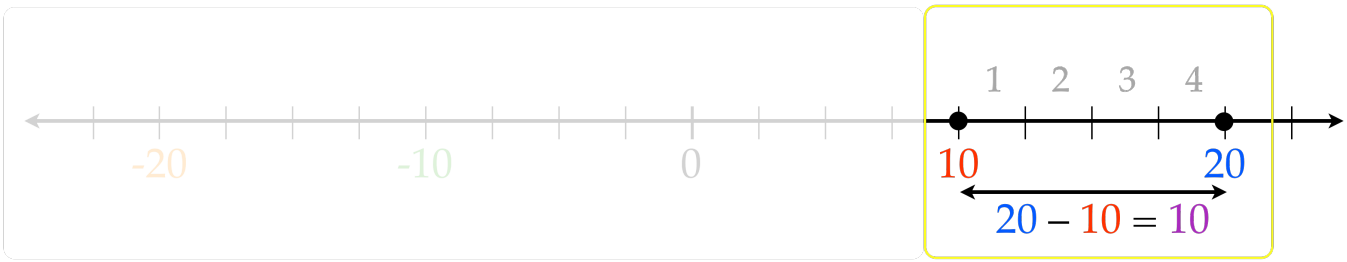
CE = 6 – -2 = 8 units

BD = 7 units

DB = 3 – -4 = 7 units

The Number Line

is a graphical way to represent relationships between numbers.



The value of each tic mark

$$\frac{\text{Total Distance}}{\text{Number of tic marks}}$$

The Number Line

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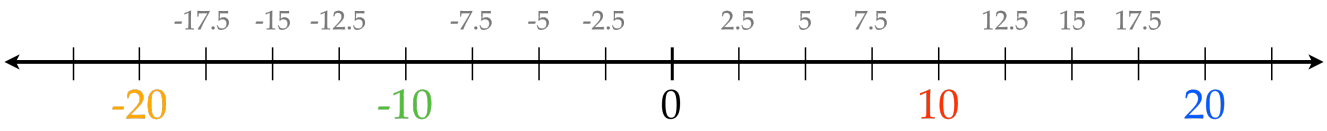
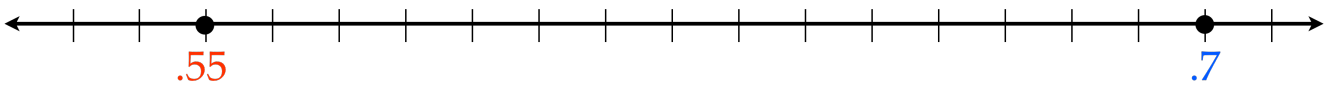


The value of each tic mark

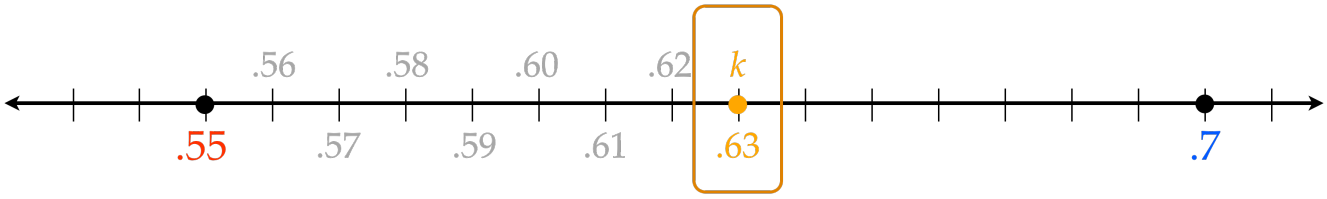
$$\frac{\text{Total Distance}}{\text{Number of tic marks}} = \frac{10}{4} = 2.5$$

What is the coordinate of point k?



$$\frac{\text{Total Distance}}{\text{Number of tic marks}}$$

What is the coordinate of point k?



$$\frac{\text{Total Distance}}{\text{Number of tic marks}} = \frac{.15}{15} = .01$$