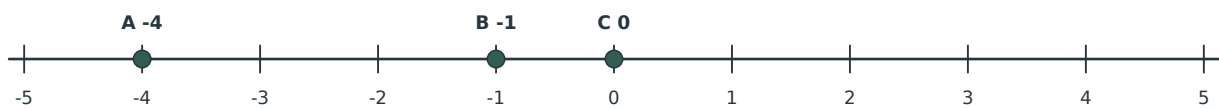


Integer locations

Plot row A-C on the first line and row D-F on the second. Tick labels show integers; the stated step defines every smaller interval.

Step = 1 units. Values: A=-4, B=-1, C=0, D=2, E=3, F=5

First line: A, B, C



Second line: D, E, F



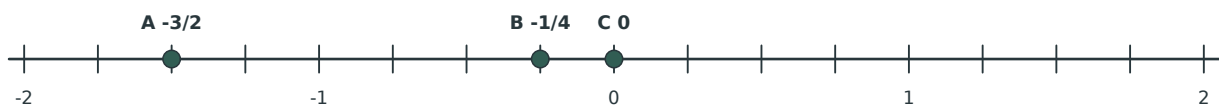
1. Order all six values from least to greatest. -4, -1, 0, 2, 3, 5.
2. Range: largest minus smallest? 9 units.
3. How do you choose a fractional location? Count the equal intervals, not the tick marks.

Quarter-unit fractions

Plot row A-C on the first line and row D-F on the second. Tick labels show integers; the stated step defines every smaller interval.

Step = $\frac{1}{4}$ units. Values: A= $-\frac{3}{2}$, B= $-\frac{1}{4}$, C=0, D= $\frac{1}{2}$, E= $\frac{5}{4}$, F= $\frac{7}{4}$

First line: A, B, C



Second line: D, E, F



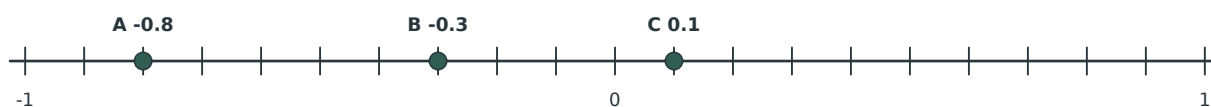
1. Order all six values from least to greatest. $-\frac{3}{2}$, $-\frac{1}{4}$, 0, $\frac{1}{2}$, $\frac{5}{4}$, $\frac{7}{4}$.
2. Range: largest minus smallest? $\frac{13}{4}$ units.
3. How do you choose a fractional location? Count the equal intervals, not the tick marks.

Tenths and decimals

Plot row A-C on the first line and row D-F on the second. Tick labels show integers; the stated step defines every smaller interval.

Step = $1/10$ units. Values: A=-0.8, B=-0.3, C=0.1, D=0.4, E=0.7, F=0.9

First line: A, B, C



Second line: D, E, F



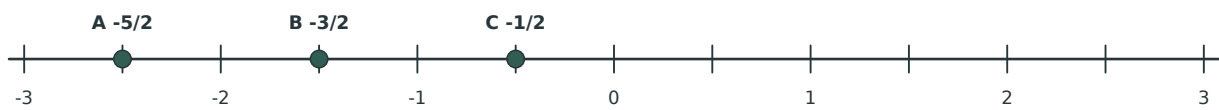
1. Order all six values from least to greatest. $-4/5$, $-3/10$, $1/10$, $2/5$, $7/10$, $9/10$.
2. Range: largest minus smallest? $17/10$ units.
3. How do you choose a fractional location? Count the equal intervals, not the tick marks.

Half-unit locations

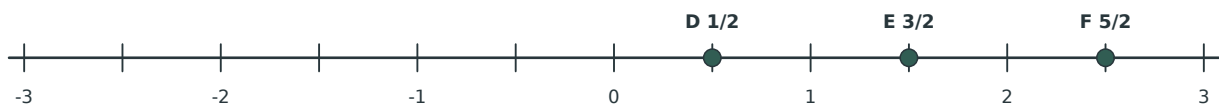
Plot row A-C on the first line and row D-F on the second. Tick labels show integers; the stated step defines every smaller interval.

Step = $1/2$ units. Values: A= $-5/2$, B= $-3/2$, C= $-1/2$, D= $1/2$, E= $3/2$, F= $5/2$

First line: A, B, C



Second line: D, E, F



1. Order all six values from least to greatest. $-5/2$, $-3/2$, $-1/2$, $1/2$, $3/2$, $5/2$.
2. Range: largest minus smallest? 5 units.
3. How do you choose a fractional location? Count the equal intervals, not the tick marks.