Fraction Location on the Number Line
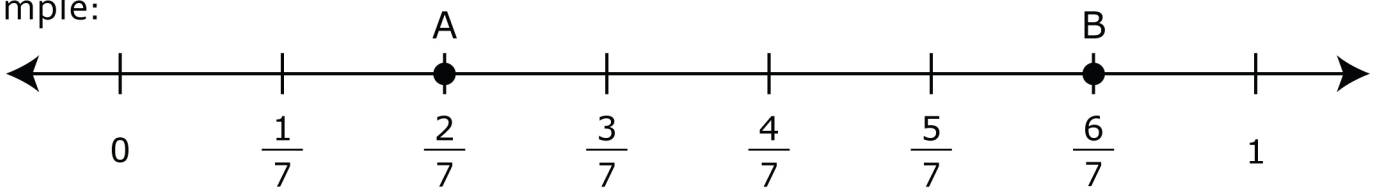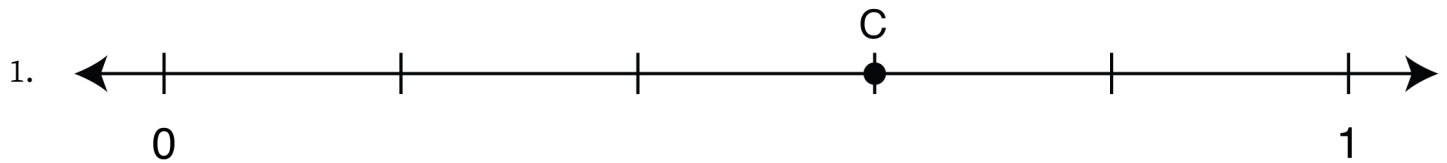
Solve the given problems using the number lines.

Example:
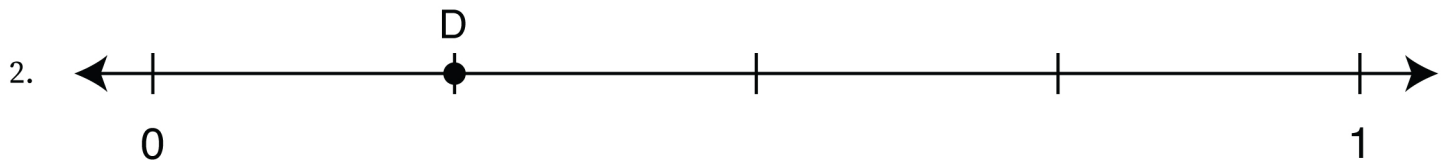
A number line from 0 to 1 with points marked at $\frac{1}{7}$, $\frac{2}{7}$, $\frac{3}{7}$, $\frac{4}{7}$, $\frac{5}{7}$, $\frac{6}{7}$. Point A is at $\frac{2}{7}$ and point B is at $\frac{6}{7}$.

i) On this number line, what is the value of 0 written as a fraction? $\boxed{\dfrac{0}{7}}$

ii) Find the distance between A and B. $\boxed{\dfrac{4}{7}}$

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1. A number line from 0 to 1 divided into parts. Point C is located in the line.

i) The number line is divided into $\boxed{}$ parts.

ii) What is the location of C? $\boxed{}$

2. A number line from 0 to 1 divided into parts. Point D is located in the line.

i) On this number line, what is the value of 1 written as a fraction? $\boxed{}$

ii) What is the location of D? $\boxed{}$

3. A number line from 0 to 1 divided into parts. Points E and F are located in the line.
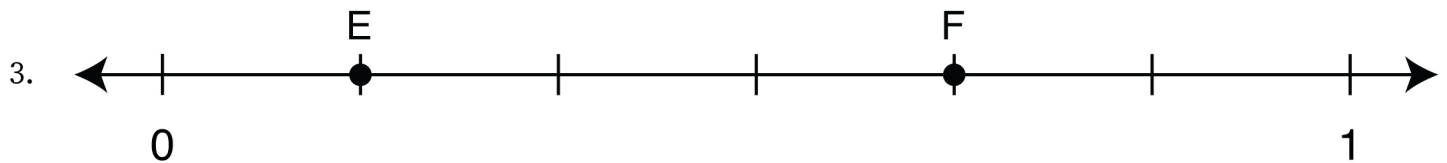
i) The number line is divided into $\boxed{}$ parts.

ii) Find the distance between E and F. $\boxed{}$

4. A number line from 0 to 1 divided into parts. Point G is located in the line.
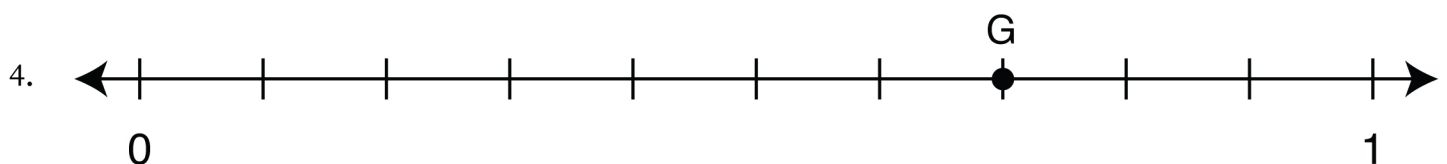
i) On this number line, what is the value of 0 written as a fraction? $\boxed{}$

ii) What is the location of G? $\boxed{}$

Fraction Location on the Number Line

Answers

Example:
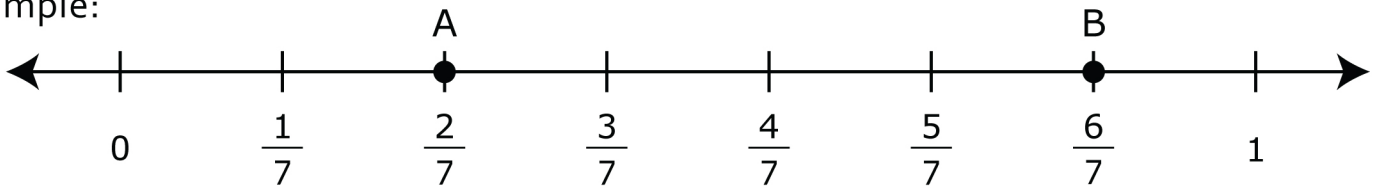
A   B

0    $\frac{1}{7}$ $\frac{2}{7}$ $\frac{3}{7}$ $\frac{4}{7}$ $\frac{5}{7}$ $\frac{6}{7}$ 1
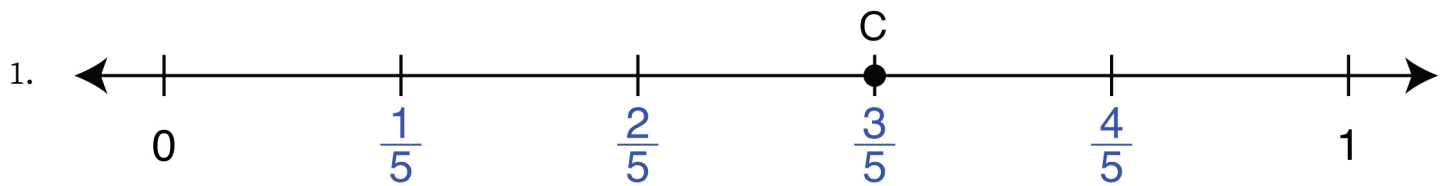
i) On this number line, what is the value of 0 written as a fraction? $\boxed{\frac{0}{7}}$
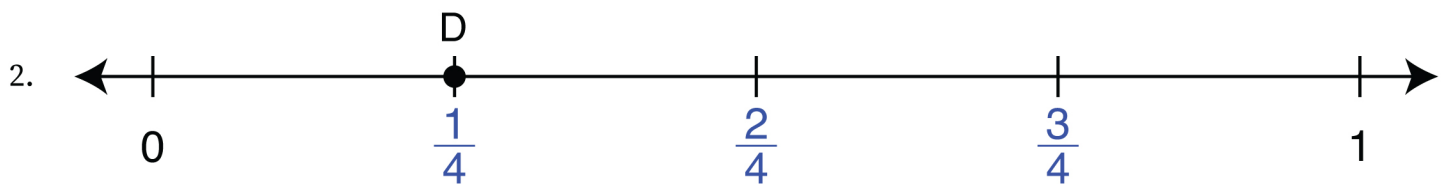
ii) Find the distance between A and B. $\boxed{\frac{4}{7}}$

1.

C

0    $\frac{1}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ 1

i) The number line is divided into $\boxed{5}$ parts.

ii) What is the location of C? $\boxed{\frac{3}{5}}$

2.

D

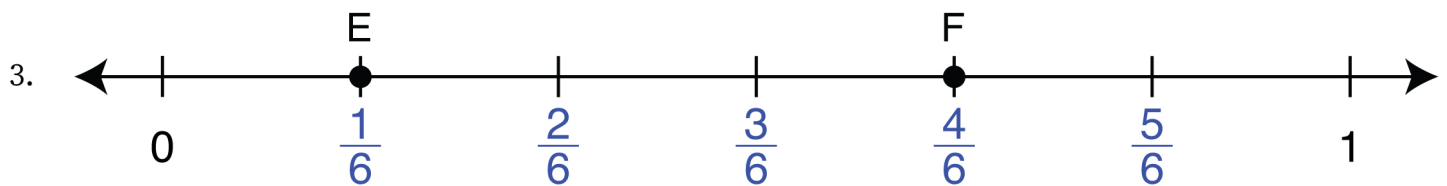0 $\frac{1}{4}$ $\frac{2}{4}$ $\frac{3}{4}$ 1

i) On this number line, what is the value of 1 written as a fraction? $\boxed{\frac{4}{4}}$
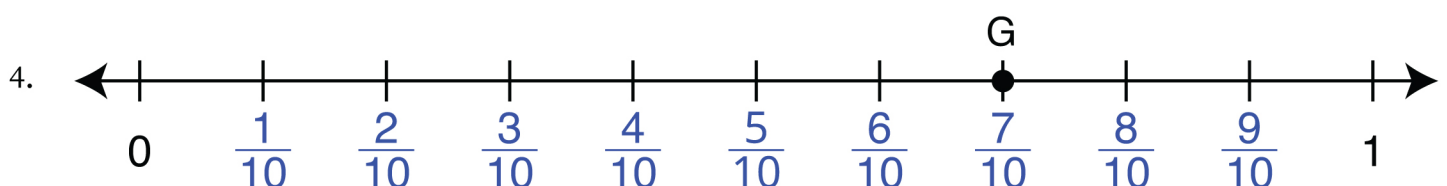
ii) What is the location of D? $\boxed{\frac{1}{4}}$

3.

E   F

0    $\frac{1}{6}$ $\frac{2}{6}$ $\frac{3}{6}$ $\frac{4}{6}$ $\frac{5}{6}$ 1

i) The number line is divided into $\boxed{6}$ parts.

ii) Find the distance between E and F. $\boxed{\frac{1}{2}}$

4.

G

0    $\frac{1}{10}$ $\frac{2}{10}$ $\frac{3}{10}$ $\frac{4}{10}$ $\frac{5}{10}$ $\frac{6}{10}$ $\frac{7}{10}$ $\frac{8}{10}$ $\frac{9}{10}$ 1

i) On this number line, what is the value of 0 written as a fraction? $\boxed{\frac{0}{10}}$

ii) What is the location of G? $\boxed{\frac{7}{10}}$