

Name: Class:

Graph and order fractions on number lines



a. Graph $\frac{2}{12}$, $\frac{6}{12}$, and $\frac{4}{6}$ on the number line. Put the fractions in order from least to greatest.

b. Graph $\frac{3}{4}$, $\frac{7}{8}$, $\frac{1}{2}$ and $\frac{1}{4}$ on the number line. Put the fractions in decreasing order.

c. Graph $\frac{2}{7}$, $\frac{1}{7}$, $\frac{13}{14}$, $\frac{6}{7}$ and $\frac{3}{7}$ on the number line. Put the fractions in ascending order.



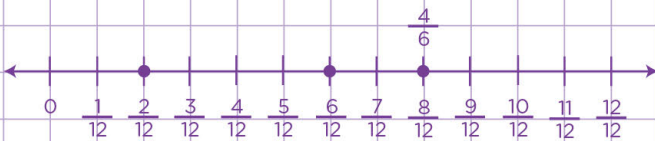
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- a. Graph $\frac{2}{12}$, $\frac{6}{12}$, and $\frac{4}{6}$ on the number line. Put the fractions in order from least to greatest.

Let's first of all draw a number line, then graph the given points.



Now, let's put the fractions in order.

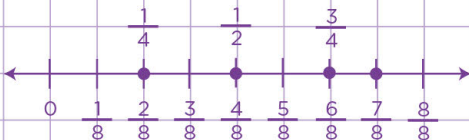
To put the fractions from the least to the greatest from the number line, let's write down the graphed fractions on the number line from left to right.

So, the fractions in order from least to greatest is,

$$\frac{2}{12}, \frac{6}{12}, \frac{8}{12}$$

- b. Graph $\frac{3}{4}$, $\frac{7}{8}$, $\frac{1}{2}$ and $\frac{1}{4}$ on the number line. Put the fractions in decreasing order.

Let's first of all draw a number line, then graph the given points.



Now, let's put the fractions in order.

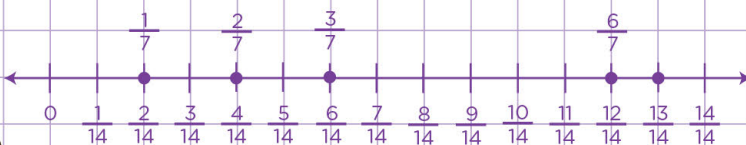
To put the fractions in decreasing order from the number line, let's write down the graphed fractions on the number line from right to left.

So, the fractions in decreasing order is,

$$\frac{7}{8}, \frac{6}{8}, \frac{1}{2}, \frac{1}{4}$$

- c. Graph $\frac{2}{7}$, $\frac{1}{7}$, $\frac{13}{14}$, $\frac{6}{7}$ and $\frac{3}{7}$ on the number line. Put the fractions in ascending order.

Let's first of all draw a number line, then graph the given points.



Now, let's put the fractions in order.

$$\frac{1}{7}, \frac{2}{7}, \frac{3}{7}, \frac{6}{7}, \frac{13}{14}$$

