

Name: Class:

Adding fractions with like denominators on a number line

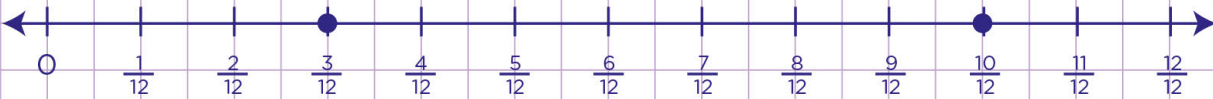
a. Fill in the addition expression using the number line below.



$$\frac{\quad}{9} + \frac{\quad}{9} = \frac{\quad}{9}$$



b. Fill in the addition expression using the number line below.



$$\frac{\quad}{12} + \frac{\quad}{12} = \frac{\quad}{12}$$



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Adding fractions with like denominators on a number line

a. Fill in the addition expression using the number line below.

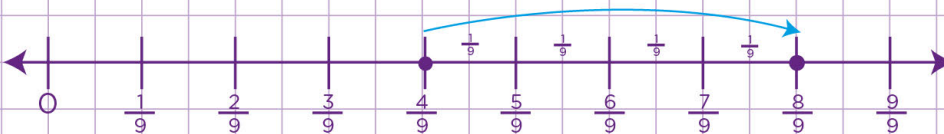


$$\frac{\quad}{9} + \frac{\quad}{9} = \frac{\quad}{9}$$

Let's first of all find the distance between each section.

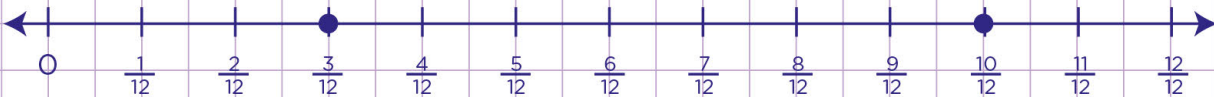
the number line shows the fractions between 0 and $\frac{9}{9}$ So, the distance between each section is $\frac{1}{9}$

Now, let's use the graphed points to find the missing numbers.

So, from $\frac{4}{9}$ to $\frac{8}{9}$ we need to count forward $\frac{1}{9}$ parts four times.

$$\text{So, the complete expression is } \frac{4}{9} + \frac{4}{9} = \frac{8}{9}$$

b. Fill in the addition expression using the number line below.

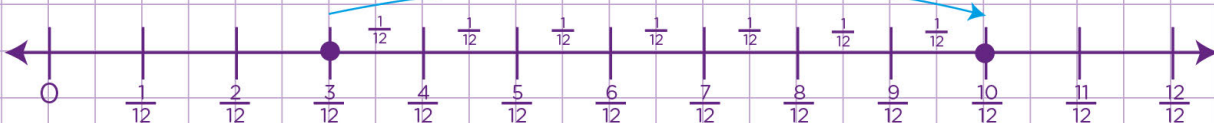


$$\frac{\quad}{12} + \frac{\quad}{12} = \frac{\quad}{12}$$

Let's first of all find the distance between each section.

the number line shows the fractions between 0 and $\frac{12}{12}$ So, the distance between each section is $\frac{1}{12}$

Now, let's use the graphed points to find the missing numbers.

So, from $\frac{3}{12}$ to $\frac{10}{12}$, we need to count forward $\frac{1}{12}$ parts seven times.

$$\text{So, the complete expression is } \frac{3}{12} + \frac{7}{12} = \frac{10}{12}$$

