

Lori is putting together a relay team together to run a race.

She will complete $\frac{1}{2}$ of the run. Her friend, Zach will complete $\frac{1}{10}$ of the run. If she asks some of her friends to run part of the run, what fraction of the run will each friend need to run? **Use a number line to represent the race and the different distances that were run.**

Justify your thinking.