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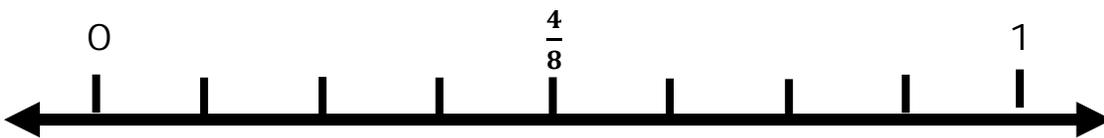
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Rounding Simple Fractions to the Nearest Half Step By Step Lesson

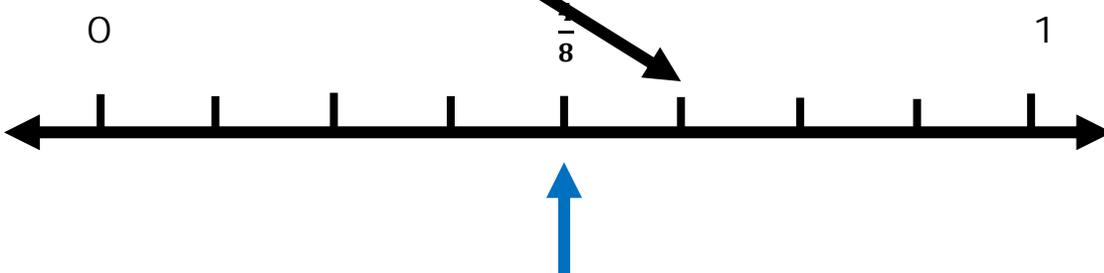


Problem: Round $\frac{5}{8}$ to the nearest half.

Explanation: A nice way to see how simple fractions should be rounded is to use a numbers line. In this case ($\frac{5}{8}$), our fraction consists of 8 total parts because the denominator is 8. We will draw a numbers line with 8 parts. We will also label the denominators of 0, $\frac{1}{2}$, and 1 as a point of reference of all the half values available on the line.



$\frac{5}{8}$ would be the fifth line, past 0, on the numbers line.



The halves (0, $\frac{4}{8}$, 1) are clearly labeled. We can see that $\frac{4}{8}$ is the nearest half to $\frac{5}{8}$. It is only 1 part away. The final answer is $\frac{4}{8}$ or $\frac{1}{2}$ (reduced).

