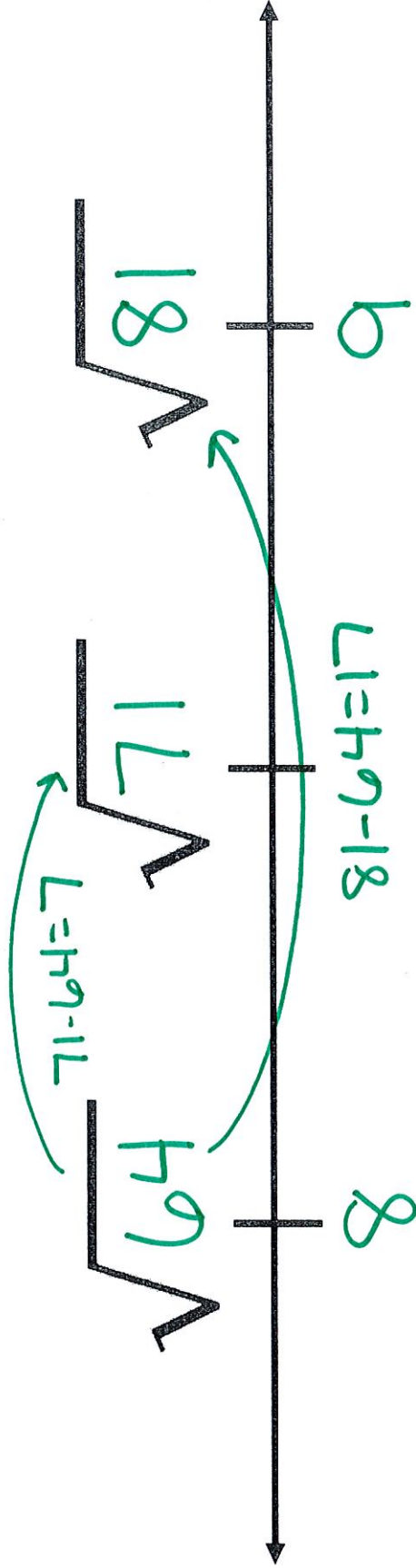
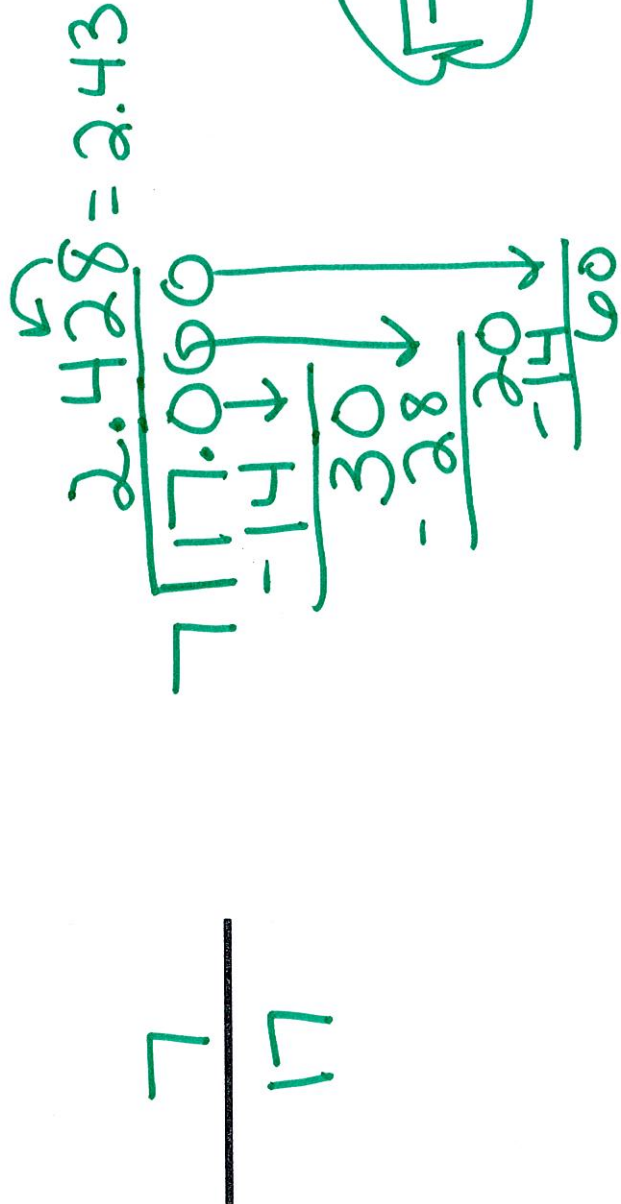


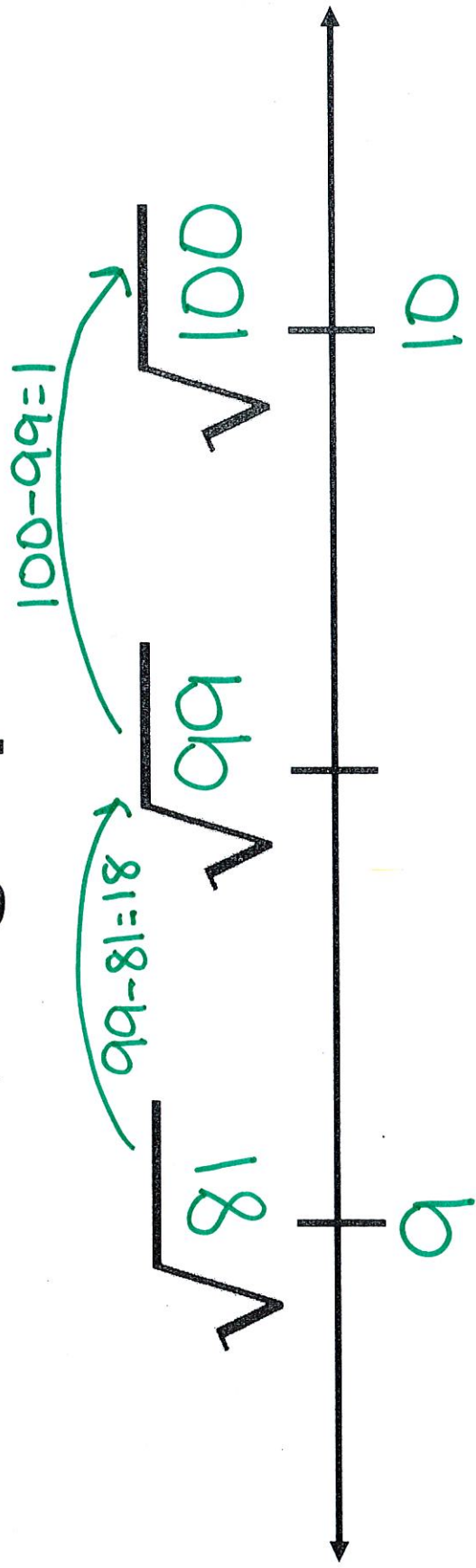
Estimating Square Roots



Set up a fraction and divide.



Estimating Square Roots



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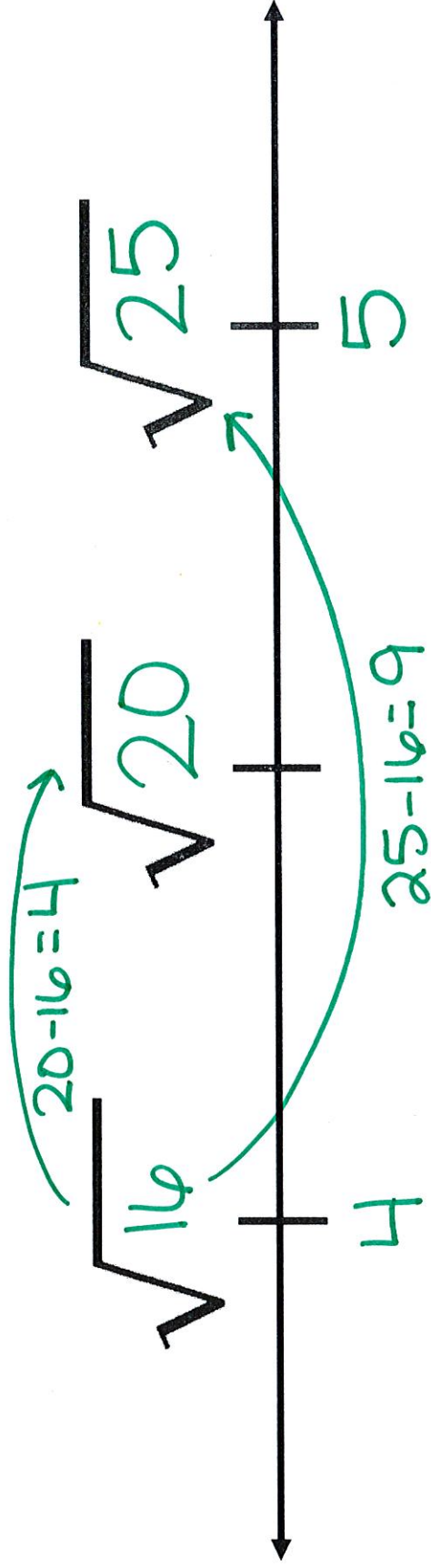
Set up a fraction and divide.

$$\frac{18}{1}$$

$$\begin{array}{r} 18 \\ 1 \overline{) 18} \\ \underline{18} \\ 0 \end{array}$$

$$\sqrt{99} \approx 9 \frac{18}{100}$$

Estimating Square Roots



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Set up a fraction and divide.

$$\frac{4}{9}$$

$$\begin{array}{r} 444 \\ 9 \overline{) 444} \\ \underline{-36} \\ 84 \\ \underline{-81} \\ 34 \\ \underline{-27} \\ 74 \\ \underline{-72} \\ 24 \\ \underline{-18} \\ 64 \\ \underline{-63} \\ 14 \\ \underline{-9} \\ 5 \end{array}$$

$$\sqrt{20} \approx 5.44$$