## Vectors in 1D



$$
\begin{aligned}
\overrightarrow{\mathrm{C}} & =\overrightarrow{\mathrm{A}}+\overrightarrow{\mathrm{B}} \\
\overrightarrow{\mathrm{C}} & =\hat{i} 7+-\hat{i} 4 \\
\hat{i} \mathrm{C} & =\hat{i} 7+-\hat{i} 4 \\
\mathrm{C} & =7+-4=7-4=3
\end{aligned}
$$

Direction - does double duty as subtraction

