Why Inequalities Reverse

4 < 6.
Why Inequalities Reverse

\[
\frac{4}{-2} \quad ? \quad \frac{6}{-2}.
\]
Why Inequalities Reverse

\[
\frac{4}{-2} \ ? \ \frac{6}{-2}.
\]

\[
-2 \ ? \ -3.
\]
Why Inequalities Reverse

\[
\begin{align*}
4 & < 6. \\
\frac{4}{-2} & > \frac{6}{-2}. \\
-2 & > -3.
\end{align*}
\]