## Independent Practice

Draw a reflection of rectangle ABCD over the $y$-axis. State the coordinates of the pre-image

and image of $A B C D$.
State the rule for reflecting over the $y$-axis

$\Delta A B C$ has coordinates $A(3,2), B(5,6)$ and $C(4,-2)$. Draw a reflection of $A B C$ over the $x$-axis. State the coordinates of the pre-image and the image of $A B C$.


State the rule for reflecting over the $x$-axis

$$
(x,-y)
$$

$$
\begin{aligned}
& A(3,2) \longrightarrow A^{\prime}(3,-2) \\
& B(5,6) \longrightarrow B^{\prime}(5,-6) \\
& C(4,-2) \longrightarrow C^{\prime}(4,2)
\end{aligned}
$$




