Name:

Reflect these shapes in the $x$ and then the $y$ axis. Shade in your new shapes neatly.


2


3

|  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | $\dagger^{5}$ |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{ll} -5 & -4 \end{array}$ | -3 | 2 | -1 |  |  | $2$ |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | $\left[\begin{array}{l} -2 \\ -3 \end{array}\right]$ |  |  |  |  |
|  |  |  |  |  | $\left(\begin{array}{l} -3 \\ -4 \end{array}\right]$ |  |  |  |  |
|  |  |  |  |  | $\left.\right\|_{-5} ^{-4}$ |  |  |  |  |

5

6


Reflect these shapes in the line $\boldsymbol{y}=\boldsymbol{x}$. Shade in your new shapes neatly.



9


## EXTENSION

Draw a coordinate grid in your book and construct your own shape. Get your partner to reflect it in the $x$ or $y$ axis, or the line $y=x$.

