## Reflecting Points in the Axes




1) The points shown on the grid to the left have been reflected in the $x$ axis to find the following points. Are they correct, if they are incorrect list the correct coordinate?

| Reflected Point | Co-ordinates |
| :---: | :---: |
| $\mathrm{A}^{\prime}$ | $(1,3)$ |
| $\mathrm{B}^{\prime}$ | $(3,-1)$ |
| $\mathrm{C}^{\prime}$ | $(2,-5)$ |
| $\mathrm{D}^{\prime}$ | $(-4,-3)$ |
| $\mathrm{E}^{\prime}$ | $(3,-4)$ |
| $\mathrm{F}^{\prime}$ | $(1,0)$ |

2) The points shown on the grid to the left have been reflected in the $y$ axis to find the following points. Are they correct, if they are incorrect list the correct coordinate?

| Reflected Point | Co-ordinates |
| :---: | :---: |
| $\mathrm{G}^{\prime}$ | $(5,1)$ |
| $\mathrm{H}^{\prime}$ | $(0,1)$ |
| $\mathrm{I}^{\prime}$ | $(-3,-2)$ |
| $\mathrm{J}^{\prime}$ | $(-1,2)$ |
| $\mathrm{K}^{\prime}$ | $(-3,5)$ |
| $\mathrm{L}^{\prime}$ | $(1,5)$ |

3) Plot your own 10 points, reflect them in the $y$ axis and $x$ axis.

| Point | Coordinates | Reflect <br> in x <br> axis | Reflect <br> in y <br> axis |
| :---: | :--- | :--- | :--- |
| A |  |  |  |
| B |  |  |  |
| C |  |  |  |
| D |  |  |  |
| E |  |  |  |
| F |  |  |  |
| G |  |  |  |
| H |  |  |  |
| I |  |  |  |
| J |  |  |  |

