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| **Transforming Shapes** |
| **(a)** | **(b)** | **(c)** |
| Translate the shape by $\left(\begin{matrix}3\\4\end{matrix}\right)$ | Reflect the shape in the line $x=2$ | Enlarge the shape by scale factor $2$ about the origin |
| **(d)** | **(e)** | **(f)** |
| Rotate the shape by $180°$ about the point $(1, 0)$ | Translate the shape by $\left(\begin{matrix}5\\-2\end{matrix}\right)$ | Reflect the shape in the line $y=-1$ |
| **(g)** | **(h)** | **(i)** |
| Translate the shape by $\left(\begin{matrix}-2\\-3\end{matrix}\right)$ | Enlarge the shape by scale factor $3$ about $(-3, -1)$ | Rotate the shape $90°$ clockwise about $(0, -2)$ |
| **(j)** | **(k)** | **(l)** |
| Enlarge the shape by scale factor $\frac{1}{2}$ about $(2, 2)$ | Reflect the shape in the line $y=x$ | Rotate the shape $90°$ anti-clockwise about $(-1, 0)$ |