

Combined transformations

Exit ticket ANSWERS Name _____

- 1 P (4, 1) is reflected in the x axis, then translated by $\begin{pmatrix} -2 \\ 3 \end{pmatrix}$. Where does it end up?

(2, 2)

- 2 A shape is reflected in the line $y = 1$, then in the line $y = 3$. Describe fully the single transformation.

Translation by $\begin{pmatrix} 0 \\ 4 \end{pmatrix}$

- 3 A shape is rotated 90° anticlockwise about (0, 0), then 180° about (0, 0). Describe fully the single transformation.

Rotation 90° clockwise,
centre (0, 0)

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