

Describing translations

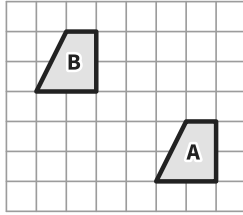
Exit ticket **ANSWERS** Name _____

- 1 A point moves from (2, 5) to (7, 1).
Write the column vector.

$$\begin{pmatrix} 5 \\ -4 \end{pmatrix}$$

- 2 Describe fully the single transformation that maps shape A onto shape B.

Translation by $\begin{pmatrix} -4 \\ 3 \end{pmatrix}$



- 3 The vector $\begin{pmatrix} 6 \\ -5 \end{pmatrix}$ maps shape A onto shape B.
Write the vector that maps B onto A.

$$\begin{pmatrix} -6 \\ 5 \end{pmatrix}$$

The Maths Habit

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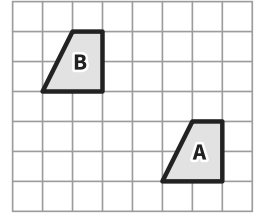
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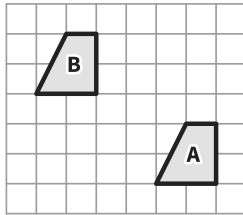
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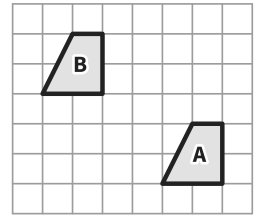
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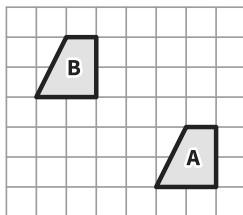
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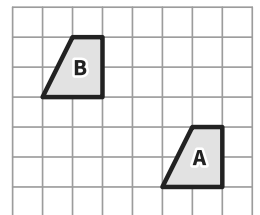
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