

## Translating shapes

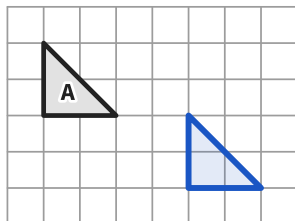
Exit ticket **ANSWERS**

Name \_\_\_\_\_

- 1 Write 4 left and 3 down as a column vector.

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

- 2 Translate shape A by  $\begin{pmatrix} 4 \\ -2 \end{pmatrix}$



- 3 A translation maps the point (5, -1) to (2, 3). Write its column vector.

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

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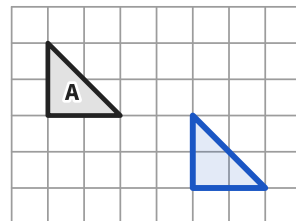
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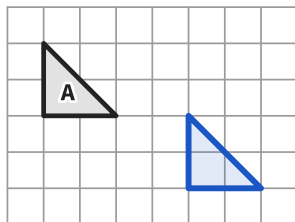
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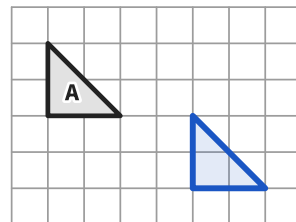
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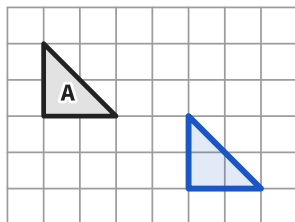
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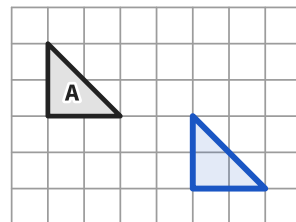
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