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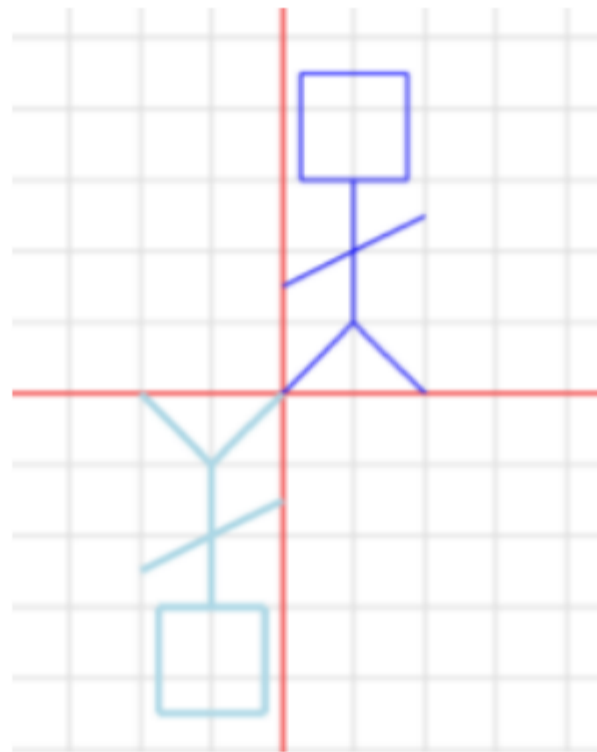


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### E1.2.4 Sample Question 4

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4. Consider the following picture of “Timmy”:



What matrix,  $A$ , transforms Timmy (the blue figure drawn with thin lines that is in the top-right quadrant) into the target (the light blue figure drawn with thicker lines that is in the bottom-left quadrant)?

$$A = \begin{pmatrix} \square & \square \\ \square & \square \end{pmatrix}$$

### Answer Video

4. Consider the following picture of “Timmy”:

What matrix,  $A$ , transforms Timmy (the blue figure drawn with thin lines that is in the top-right quadrant) into the target (the light blue figure drawn with thicker lines that is in the bottom-left quadrant)?

$$A = \begin{pmatrix} -1 & 0 \\ 0 & -1 \end{pmatrix}$$

X 1.6

1:41 / 1:41

2.0x



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