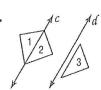
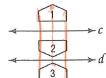
Translations

In each figure, $c \parallel d$. Determine whether figure 3 is a translation image of figure 1. Write yes or no. Explain your answer.





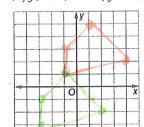
No It is went a

translation of a reflection of a reflection will and is oriented differently cines

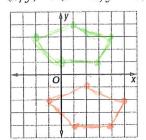
yes it is a reflection of a reflection wi

COORDINATE GEOMETRY Graph each figure and its image under the given translation.

3. quadrilateral TUWX with vertices T(-1, 1), U(4, 2), W(1, 5), and X(-1, 3)under the translation $(x, y) \rightarrow (x-2, y-4)$



4. pentagon *DEFGH* with vertices D(-1, -2), E(2, -1), F(5, -2), G(4, -4), H(1, -4)under the translation $(x, y) \rightarrow (x - 1, y + 5)$



ANIMATION Find the translation that moves the figure on the coordinate plane.

5. figure $1 \rightarrow$ figure 2

(XH4, 4+2)

6. figure $2 \rightarrow$ figure 3

7. figure $3 \rightarrow$ figure 4

(x+3,4+3)

