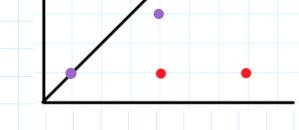
3.1 Reflections

Monday, September 23, 2019 7:46 AM

Warm Up

Move the points from one side of the given line to the other, making sure that the point is the same distance from the line it was originally.



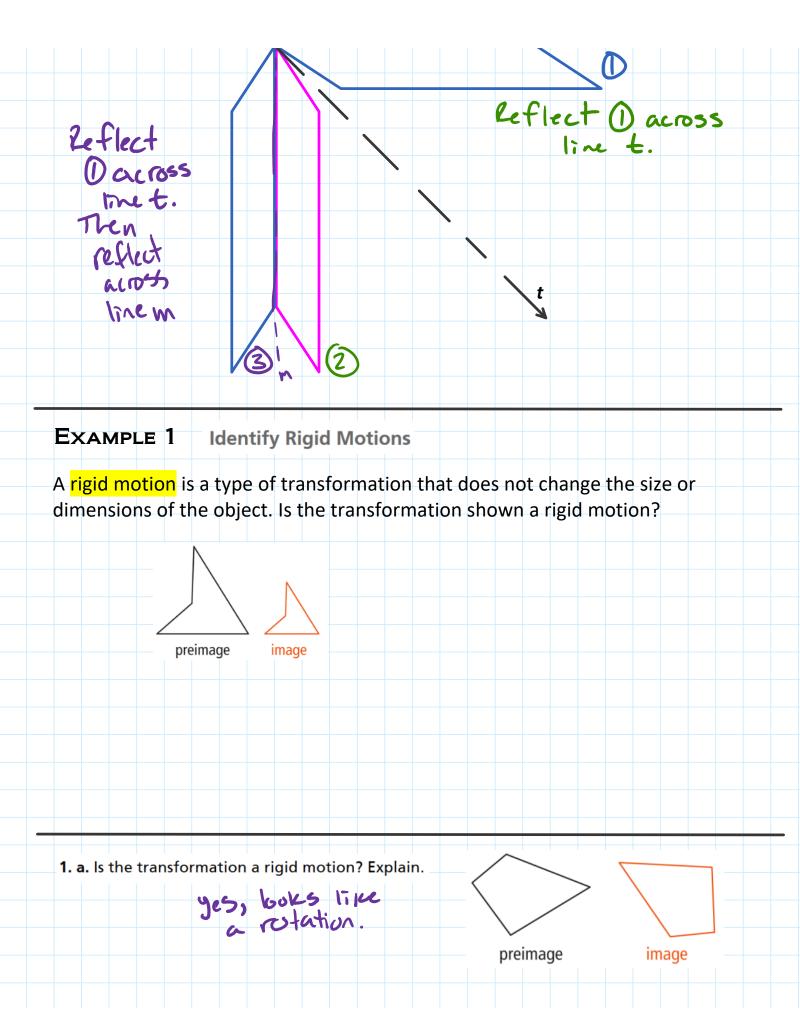
ESSENTIAL QUESTION

How are the properties of reflection used to transform a figure?

NEEDED VOCAB: • Rigid Motion

GOAL: "I CAN... Draw and describe the reflection of a figure across a line of reflection."

What would you need to do to move object one to cover object 2, object 3?



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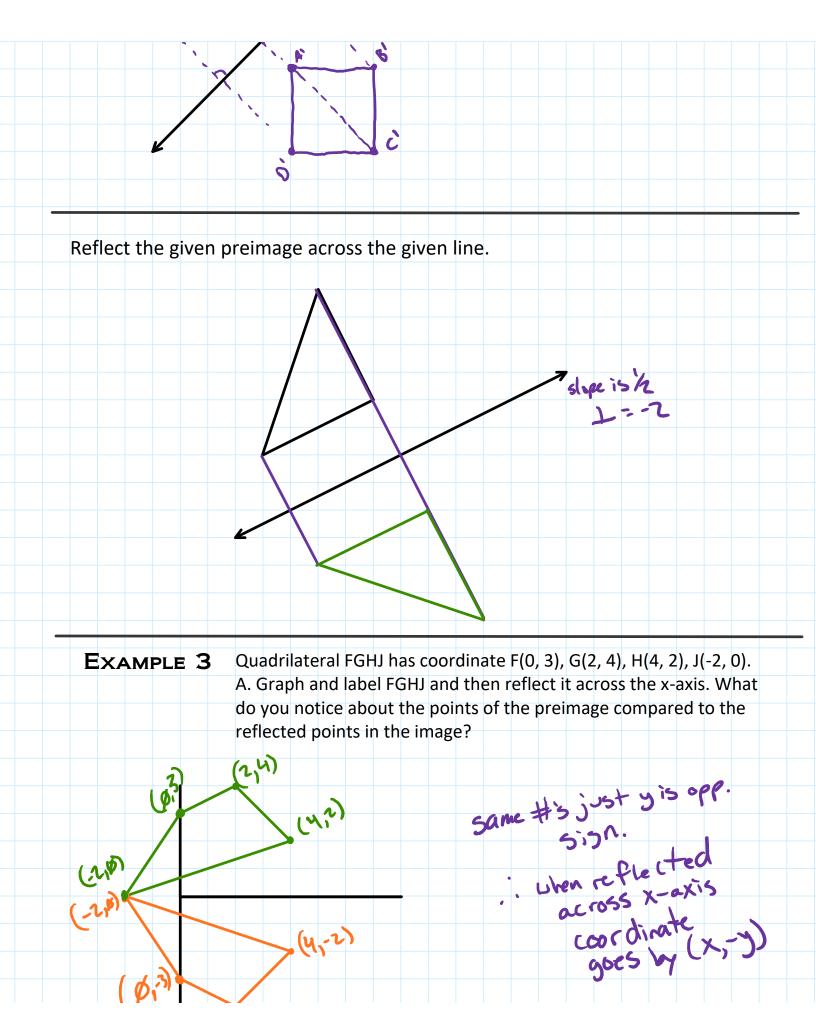
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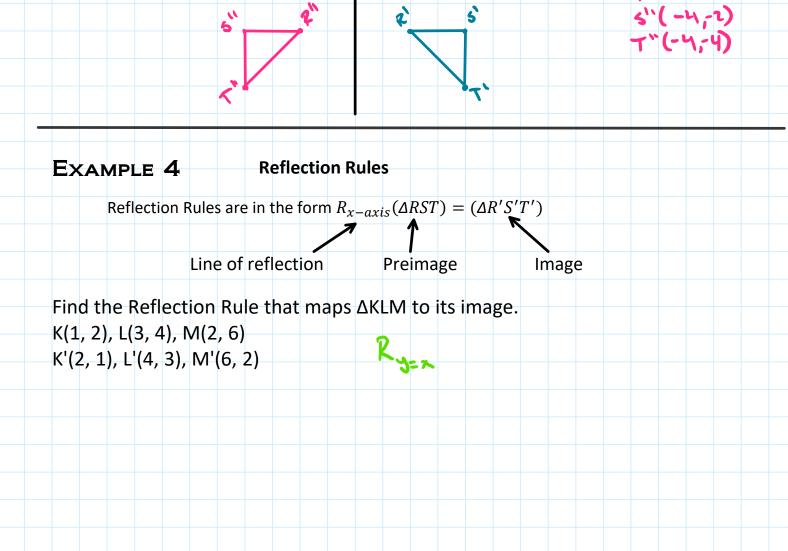
Triangle RST has the coordinates R(2, 2), S(4, 2), T(4, 4). Reflect Triangle RST in the x-axis, image 1, as well as in the y-axis, image 2. Reflect image 1 in the y-axis and reflect image 2 in the x-axis. What are the coordinates of the final two images?

7

R```(-2,2)

5''' (-4,2) T''' (-4,4)

2"(-2,-2)



25

