

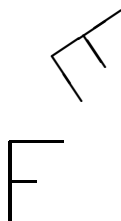
1. (a) One letter below is the image of the other under a translation. Indicate the direction and magnitude of this translation.



To the side, briefly describe how you solved this problem.

Translational Image Property:

- (b) One letter below is the image of the other under a reflection. Find the line of reflection.



To the side, briefly describe how you solved this problem.

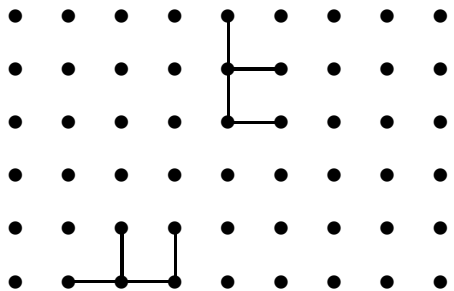
- (c) Again, one letter below is the image of the other under a reflection. Find the line of reflection, this time *without looking through the paper*.



To the side, briefly describe how you solved this problem.

Reflectional Image Property:

2. (a) One letter below is the image of the other under a rotation. Find the center and angle of rotation.



Briefly describe what you had to do in solving the problem above.

Rotational Image Property:

- (b) One letter below is again the image of the other under a rotation. Approximately where is the center of rotation, and roughly what is the measure of the angle of rotation?

