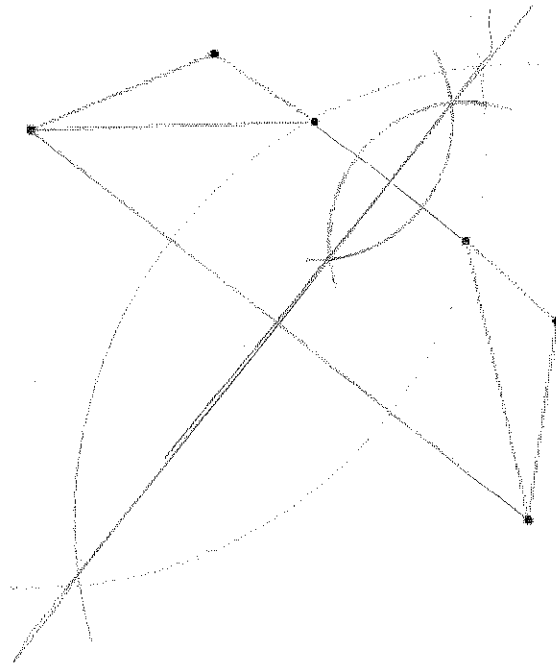


**Reflected Triangles**

The triangle in the upper left of the figure below has been reflected across a line into the triangle in the lower right of the figure. Use geometric tools to construct the line across which the triangle was reflected.



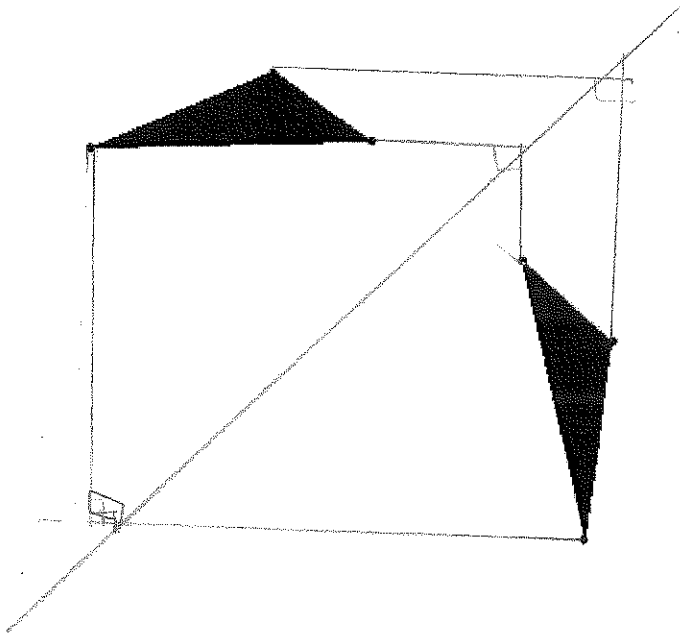
Explain why your strategy found the line of reflection:

I found the perpendicular bisector of the two segments.

# Sample B

## Reflected Triangles

The triangle in the upper left of the figure below has been reflected across a line into the triangle in the lower right of the figure. Use geometric tools to construct the line across which the triangle was reflected.



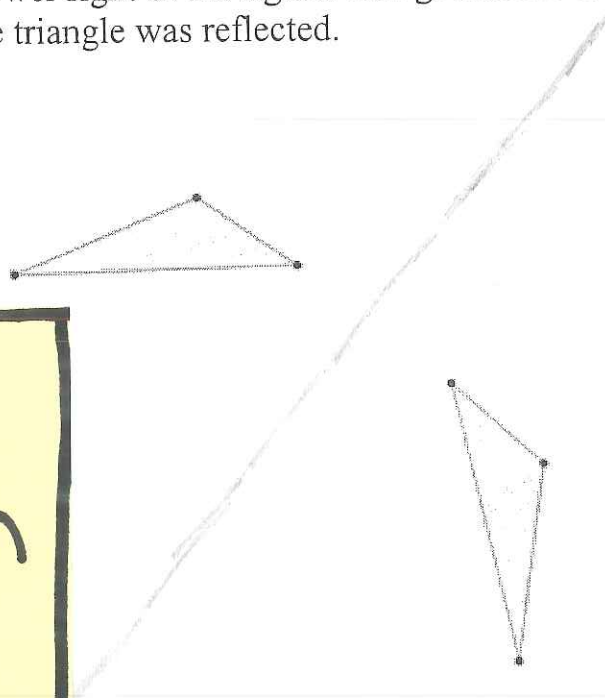
Explain why your strategy found the line of reflection:

I looked at it in a geometric  
person view,

# Sample C

## Reflected Triangles

The triangle in the upper left of the figure below has been reflected across a line into the triangle in the lower right of the figure. Use geometric tools to construct the line across which the triangle was reflected.



Fold was present on paper.

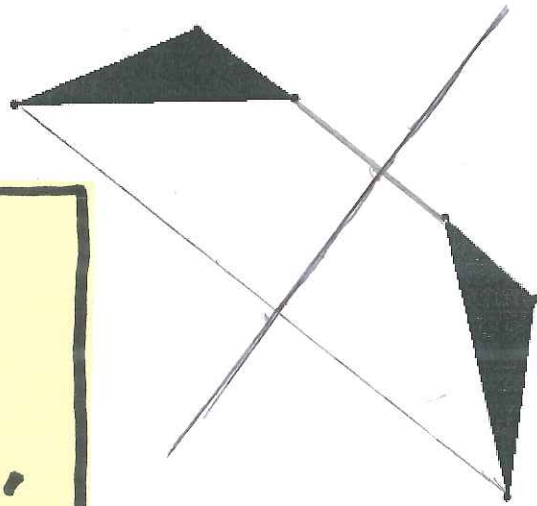
Explain why your strategy found the line of reflection:

You just had to find the right angle that the triangle took to create the reflection; this is accomplished by folding the paper at an angle until they line up with each other then the line that's left in the paper is the line of reflection for the triangle.

# Student D

## Reflected Triangles

The triangle in the upper left of the figure below has been reflected across a line into the triangle in the lower right of the figure. Use geometric tools to construct the line across which the triangle was reflected.



No fold present.

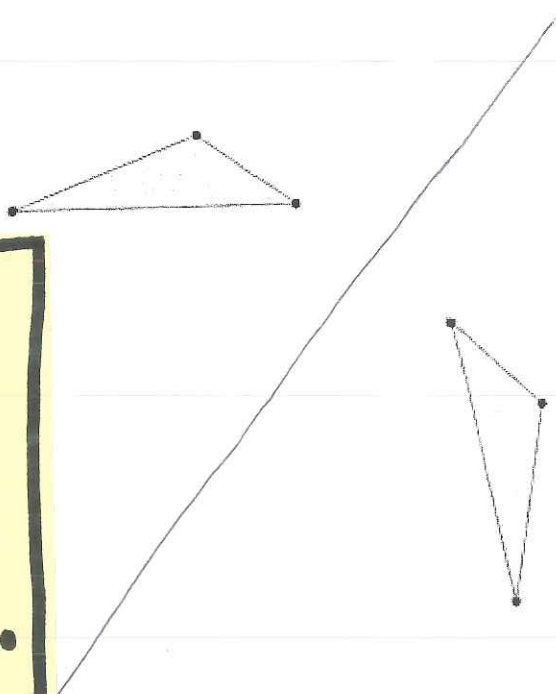
Explain why your strategy found the line of reflection: Because if you was to look at the mirror the reflection would be in the back and it would be  $\frac{1}{2}$  so the reflection of the triangle would also be  $\frac{1}{2}$  way through so the line ~~is~~ should be  $\frac{1}{2}$

# Sample E

## Reflected Triangles

The triangle in the upper left of the figure below has been reflected across a line into the triangle in the lower right of the figure. Use geometric tools to construct the line across which the triangle was reflected.

Patty paper is attached.



Explain why your strategy found the line of reflection:

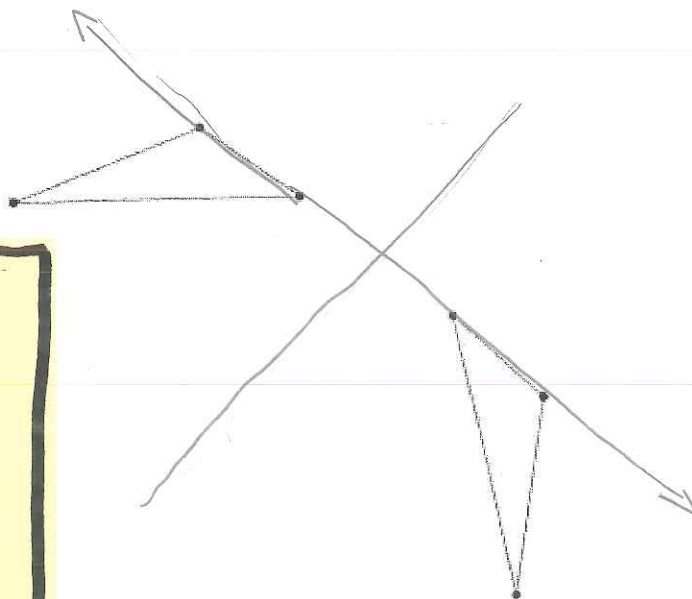
I drew the shapes onto the paper and folded it to match the shapes up, and found the line it reflects over.



# Sample F

## Reflected Triangles

The triangle in the upper left of the figure below has been reflected across a line into the triangle in the lower right of the figure. Use geometric tools to construct the line across which the triangle was reflected.



No fold present.

Explain why your strategy found the line of reflection:

I found the line of reflection by making it look like a mirror, showing the reflection

