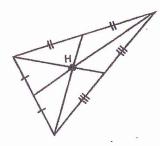
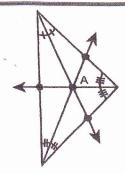
Determine Concurrent Lines

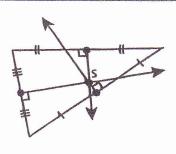
Use the terms in the word box to label the type of concurrent lines and the point of concurrency that have been marked on each triangle.

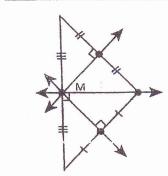
altitude orthocenter median centroid perpendicular bisector incenter

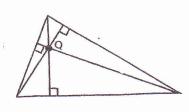
angle bisector circumcenter

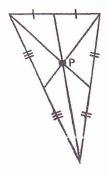


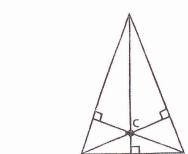


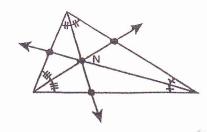


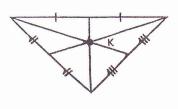










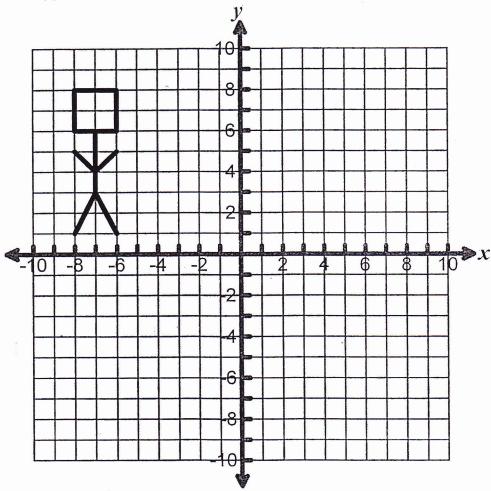


Student Name:	Date:	
Student Name.		

Falling Down

Clumsy Casey is walking down the sidewalk when all of a sudden he trips over his own two feet and falls flat on his back! Casey's original position is shown on the graph below.

- Casey's walk is represented by the mapping (x + 11, y). Sketch Casey's image showing his position immediately before tripping.
- After falling, Casey's position is a 90° clockwise rotation, about the origin of his position before he tripped. Sketch Casey's image showing his position immediately after tripping.



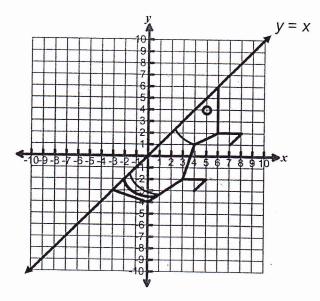
Communicating About Mathematics

How does Casey's final position compare to his original positon?

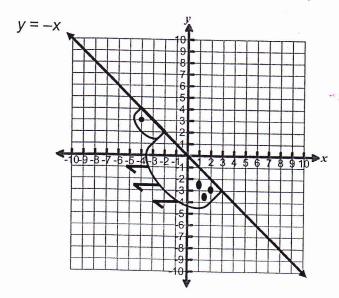
Student Name:	Date:
Buried Tre	easure!
(4, 5). (the w	1: 10 units to vest and ts to the
Clue 3: Sail 8.5 units to the west and 3 units to the north. The buried treasure is located at Communicating About Mathematics How could you use patty paper to verify if your tra	Clue 2: He needs to sail units to the and units to the nslations are correct?

Bugs, Bugs, Bugs

1. Sketch the reflection of the given figure across the y = x line.



2. Sketch the reflection of the given figure across the y = -x line.



Communicating About Mathematics

Explain to your friend how you could use patty paper to verify that your reflections are correct?

	/	
		7
	G.	
	1	