

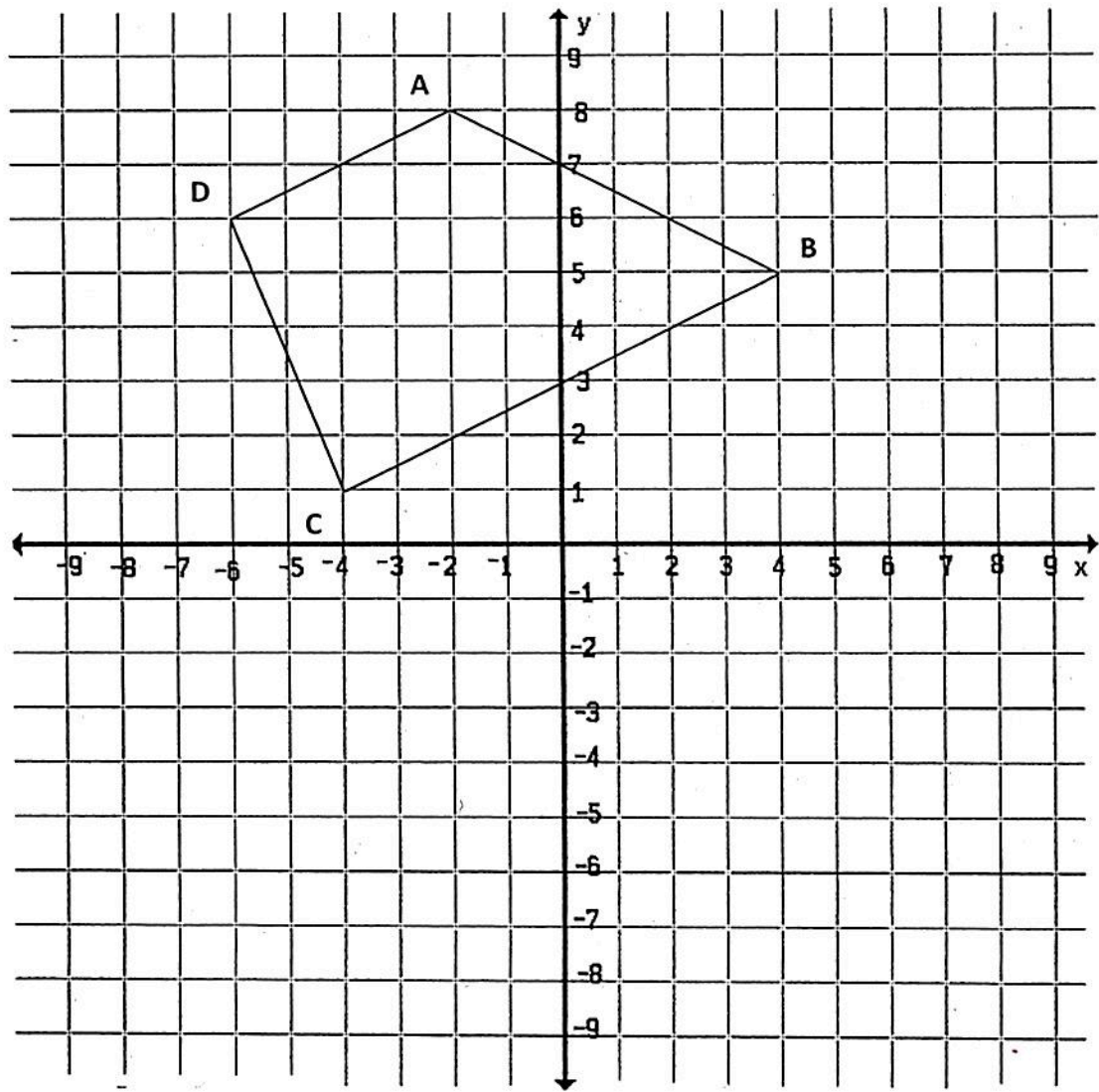
Name \_\_\_\_\_

Date \_\_\_\_\_

Homework: Composition of Transformations

- 1) a. Graph the reflection of ABCD over the x-axis. Find the coordinates of A'B'C'D'.
- b. Graph the translation of A'B'C'D' such that  $(x, y) \rightarrow (x + 4, y - 1)$ . Find the coordinates of A''B''C''D''.

A ( _____ , _____ )	a. A' ( _____ , _____ )	b. A'' ( _____ , _____ )
B ( _____ , _____ )	B' ( _____ , _____ )	B'' ( _____ , _____ )
C ( _____ , _____ )	C' ( _____ , _____ )	C'' ( _____ , _____ )
D ( _____ , _____ )	D' ( _____ , _____ )	D'' ( _____ , _____ )



c. Is A''B''C''D'' congruent or similar to ABCD? Rigid or non-rigid? \_\_\_\_\_