

Practice Problems  
Translating and Reflecting---  
Points in the Cartesian Plane

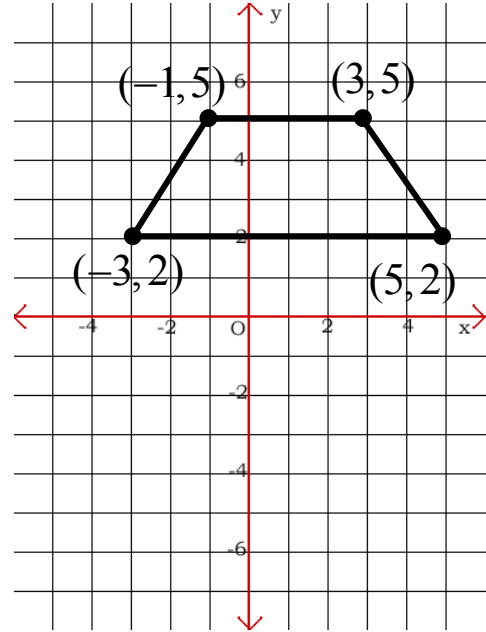
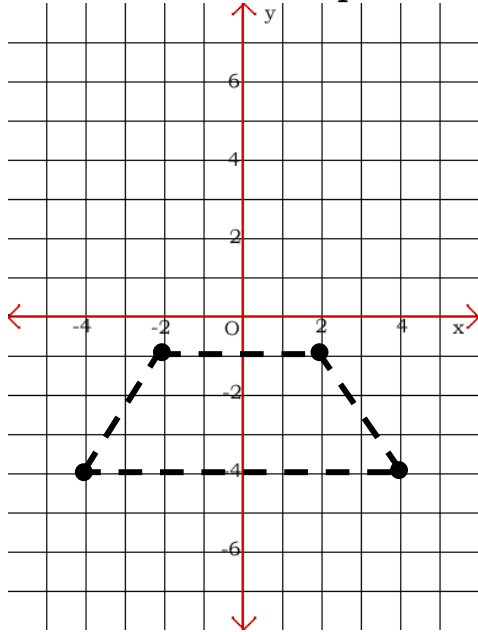
Name \_\_\_\_\_

Class \_\_\_\_\_

Instructions: Translate and find the vertices of the polygon with the shifts to the new position

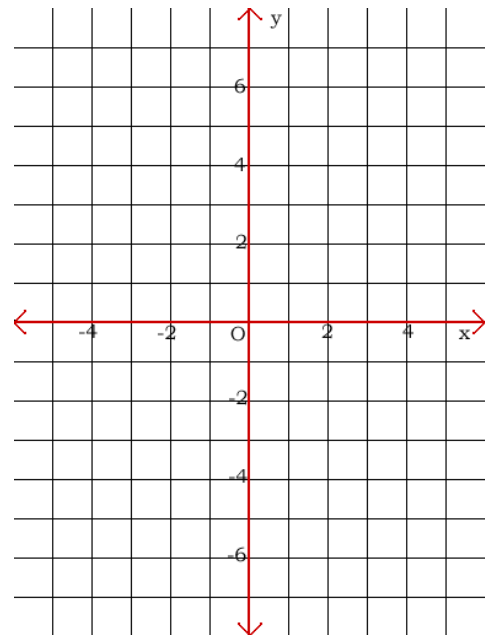
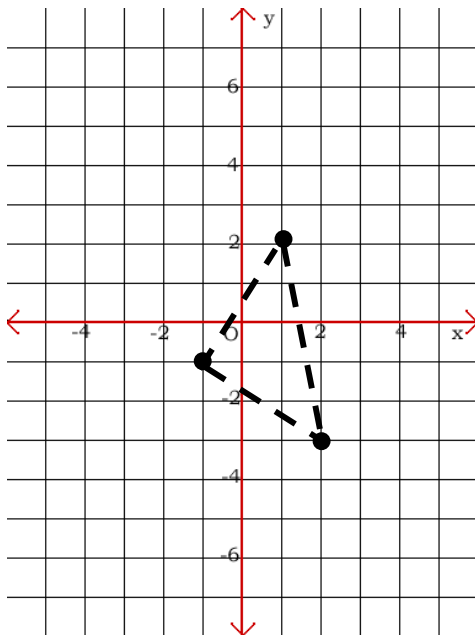
ex)

1  
unit  
right  
and  
6  
units  
up



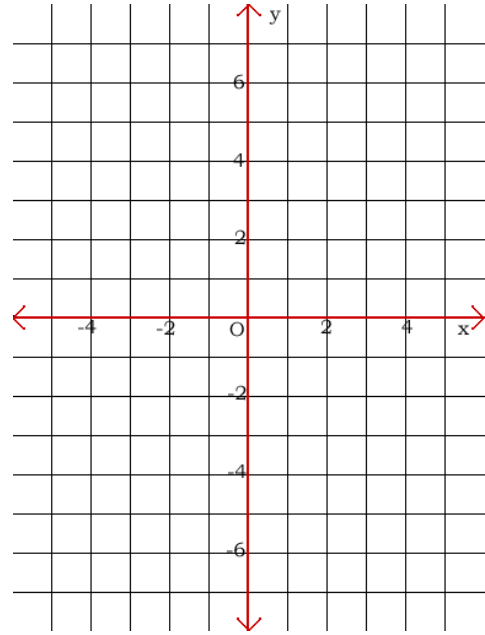
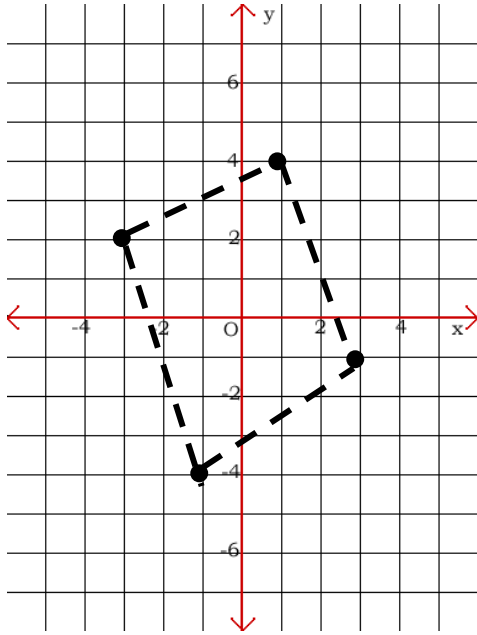
1.)

3  
units  
left  
and  
2  
units  
up



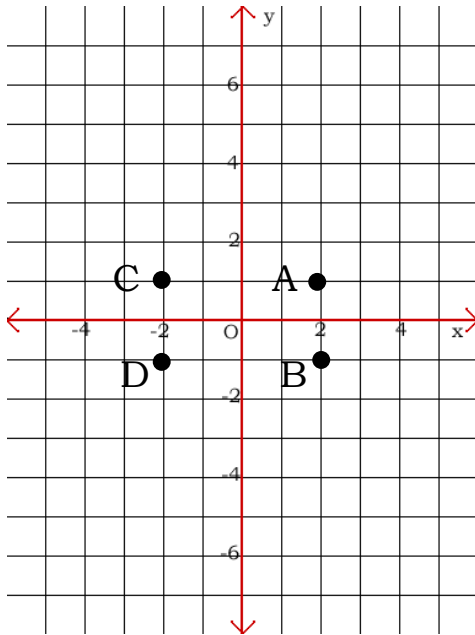
2.)

2  
units  
left  
and  
1  
unit  
down



ex)

Locate  
and label  
the  
indicated  
point  
reflections



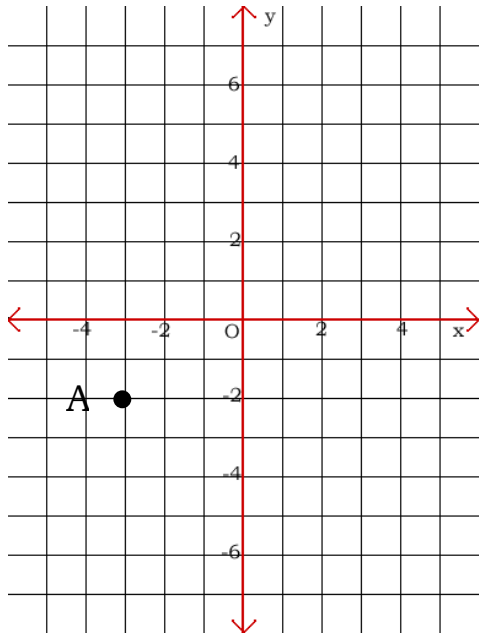
A ( 2 , 1 )

B ( 2, -1 ) x-axis

C ( -2, 1 ) y-axis

D ( -2,-1 ) origin

3.)



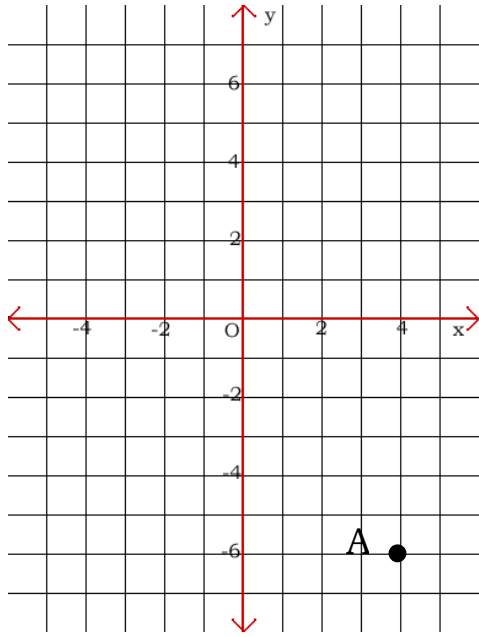
A. ( , )

B. ( , ) y-axis

C. ( , ) origin

D. ( , ) x-axis

4.)



A. ( , )

B. ( , ) origin

C. ( , ) x-axis

D. ( , ) y-axis