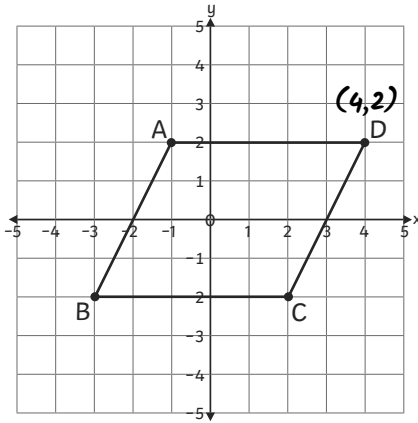
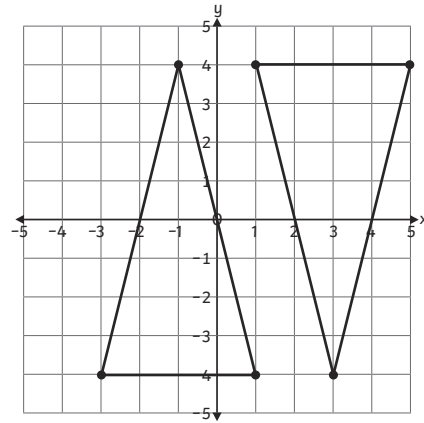


1)



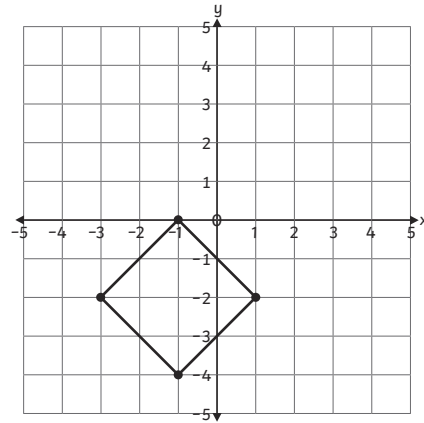
2)



The coordinates of the missing vertices are  $(1, -4)$  and  $(3, -4)$ .

1) Alfie is incorrect. To find point B, he needs to calculate the difference between each x and y coordinate of point A and the midpoint. Then, he should add this difference onto each x and y coordinate of the midpoint. The coordinates of point B are  $(4, 2)$ .

2) Olivia is correct because her coordinates will make a square.



1) Z  $(1, 6)$

Y  $(5, 6)$

X  $(5, 2)$

W  $(1, 2)$

V  $(-3, 2)$

U  $(-3, -2)$

T  $(1, -2)$

2) A  $(-3, -2)$

B  $(5, 6)$

C  $(3, -2)$

D  $(-5, 6)$

N  $(-1, 2)$

M  $(1, 2)$

