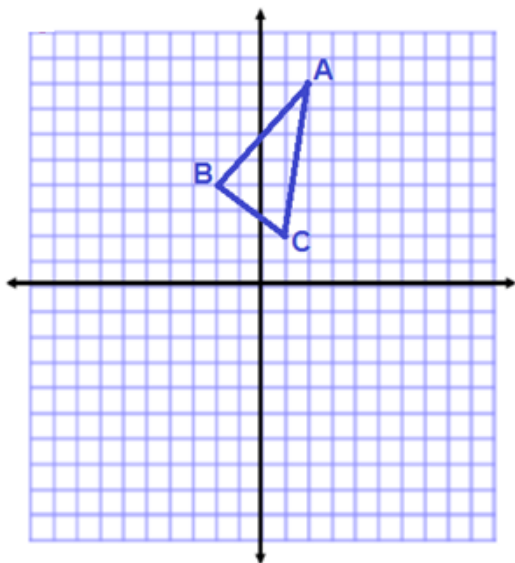


## Translations.

- Give the coordinates of each point in the original shape.
- Translate each shape as indicated.
- Label each point in the image correctly (and include coordinates for each point)

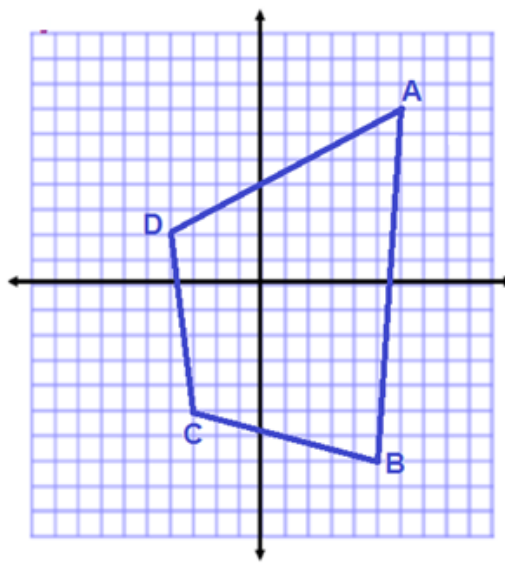
**[1]** Translate 6 left, 2 down



Coordinates:

A	
B	
C	

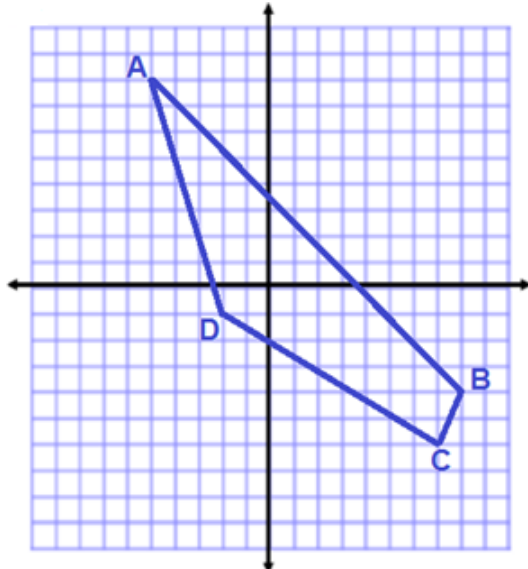
**[2]** Translate 2 left, 2 down



Coordinates:

A	
B	
C	
D	

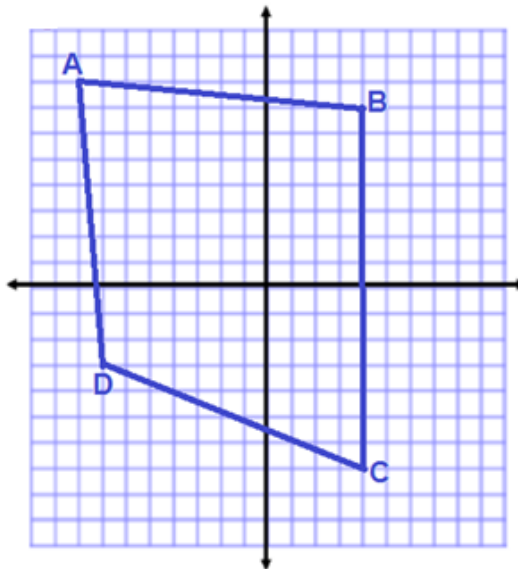
**[3]** Translate 2 right, 1 up



Coordinates:

A	
B	
C	
D	

**[4]** Translate 2 left, 3 down



Coordinates:

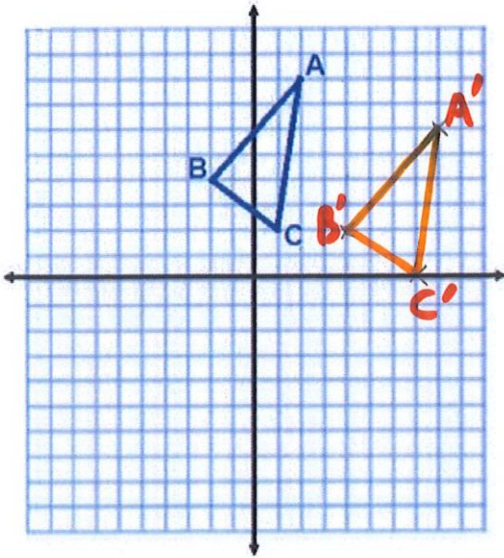
A	
B	
C	
D	

## Translations.

- Give the coordinates of each point in the original shape.
- Translate each shape as indicated.
- Label each point in the image correctly (and include coordinates for each point)

SOLUTIONS

[1] Translate 6 left, 2 down

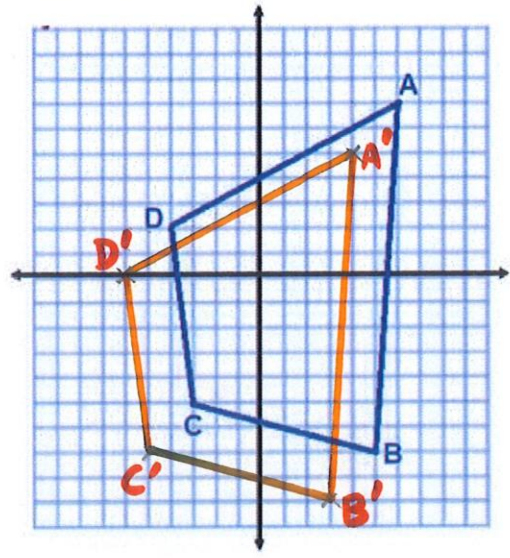


Coordinates:

A	(2, 8)
B	(-2, 4)
C	(1, 2)

A'	(8, 6)
B'	(4, 2)
C'	(7, 0)

[2] Translate 2 left, 2 down

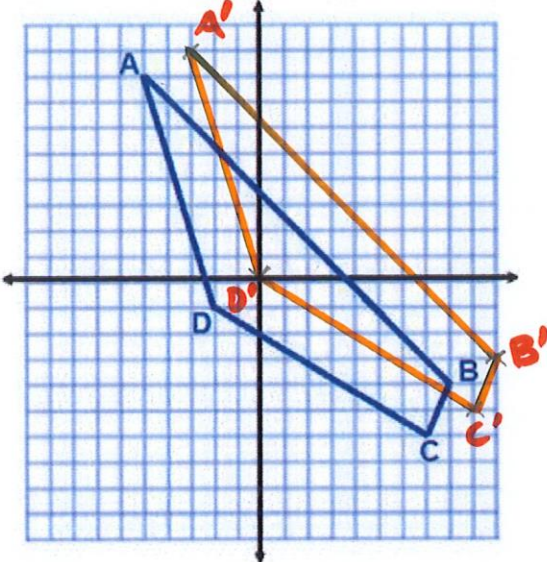


Coordinates:

A	(6, 7)
B	(5, -7)
C	(-3, -5)
D	(-4, 2)

A'	(4, 5)
B'	(3, -9)
C'	(-5, -7)
D'	(-6, 0)

[3] Translate 2 right, 1 up

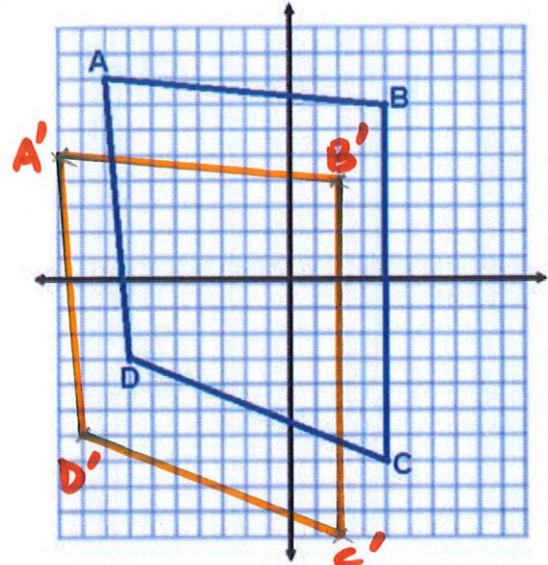


Coordinates:

A	(-5, 8)
B	(8, -4)
C	(7, -6)
D	(-2, -1)

A'	(-3, 9)
B'	(10, -3)
C'	(9, -5)
D'	(0, 0)

[4] Translate 2 left, 3 down



Coordinates:

A	(-8, 8)
B	(4, 7)
C	(4, -7)
D	(-7, -3)

A'	(-10, 5)
B'	(2, 4)
C'	(2, -10)
D'	(-9, -6)