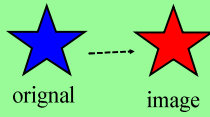


Ch 3.7 Translations

Translation - slide an object up, down, left, right or diagonal, but it doesn't change the object.

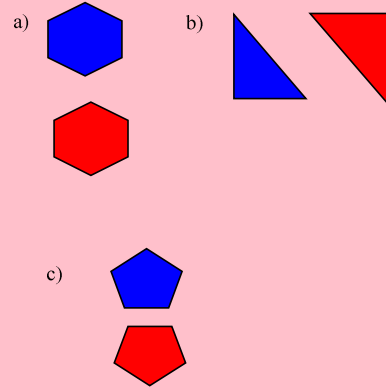
Image - is the figure after the slide



Transformation - is an operation that maps, or moves, a figure onto an image.

Nov 5-9:30 AM

Ex1) Determine if the figure is a translation of the blue image.



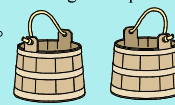
Nov 5-9:33 AM



Nov 5-9:41 AM

Determine if the figures represent translations?

1. Yes No



2. yes no



3 yes no



Nov 5-9:37 AM

2 2.

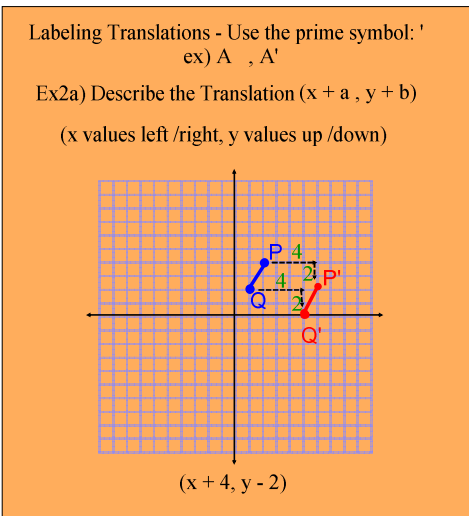
Yes
No

Nov 5-9:41 AM

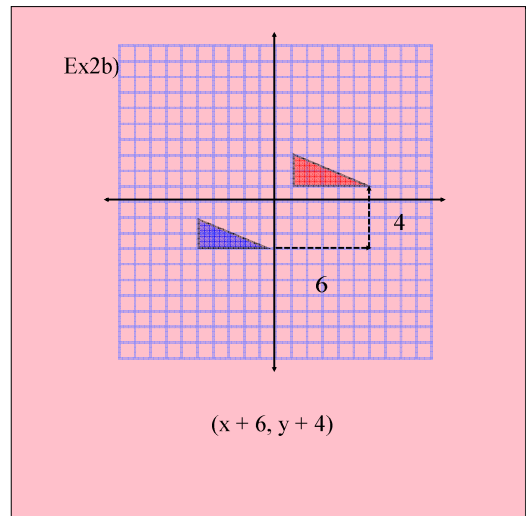
3 3.

Yes
No

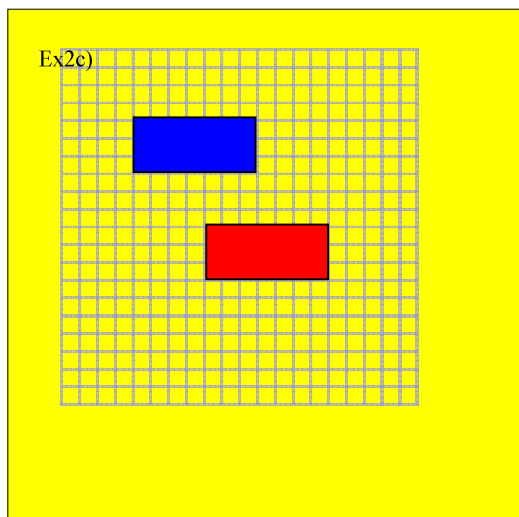
Nov 5-9:41 AM



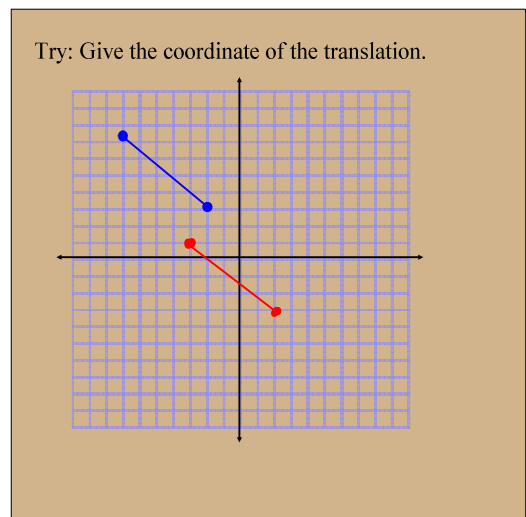
Nov 5-10:17 AM



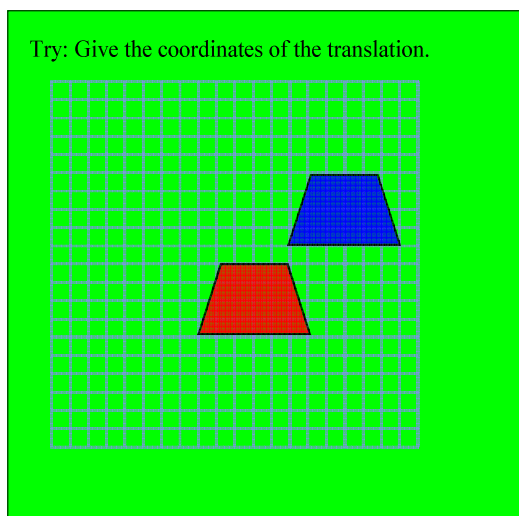
Nov 5-10:28 AM



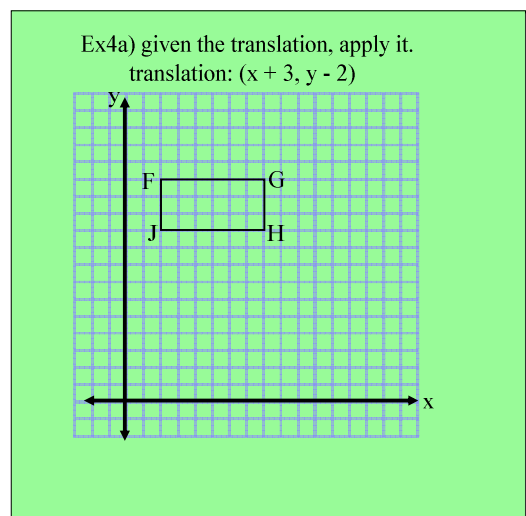
Nov 5-12:51 PM



Nov 5-12:53 PM



Nov 5-12:57 PM

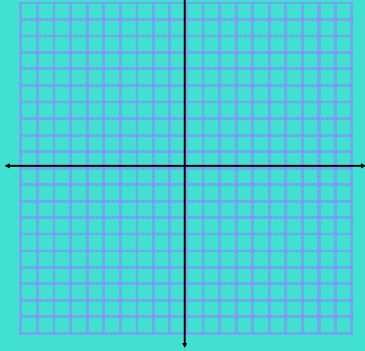


Nov 5-3:16 PM

Ex4b) given the coordinates apply the translation.

$\triangle ABC = A(-2,5) B(0,7) C(3,7)$

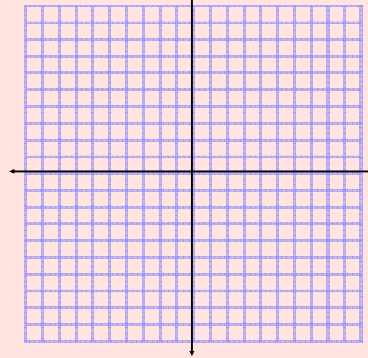
translation: $(x + 2, y - 3)$



Nov 5-3:04 PM

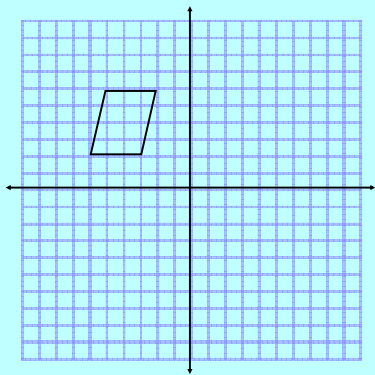
Ex4c) $A(1, -1) B(4, -2)$ and $C(1, -4)$

translation: $(x - 4, y + 2)$



Nov 5-3:13 PM

Try: translation: $(x - 3, y + 4)$



Nov 5-3:28 PM