

Summer Term Maths Year 10

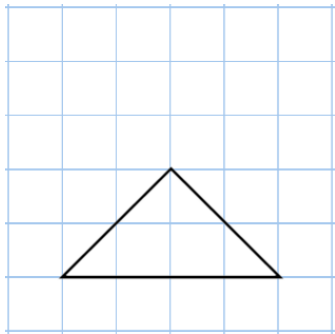
Translations

Day 3

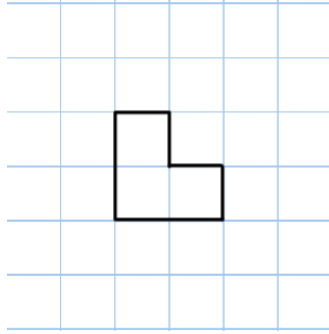
Week 7

1 Translate each shape by the given vector.

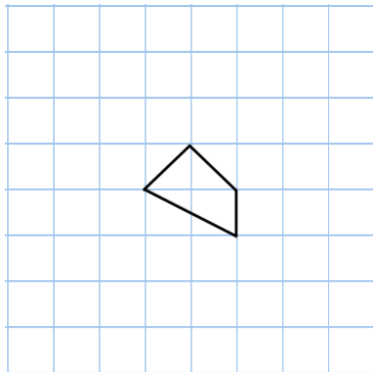
(a) $\begin{pmatrix} -1 \\ 2 \end{pmatrix}$



(b) $\begin{pmatrix} 1 \\ -2 \end{pmatrix}$

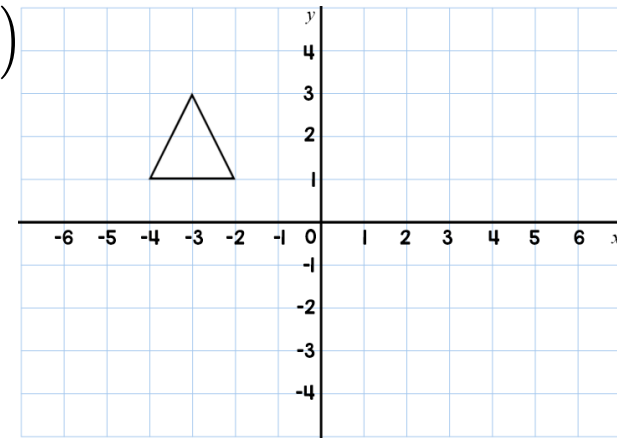


(c) $\begin{pmatrix} 0 \\ -3 \end{pmatrix}$

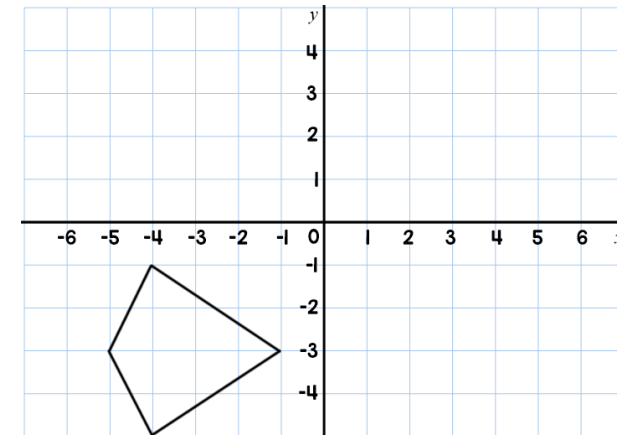


2 Translate each shape by the given vector.

(a) $\begin{pmatrix} -3 \\ 2 \end{pmatrix}$



(b) $\begin{pmatrix} 0 \\ 5 \end{pmatrix}$



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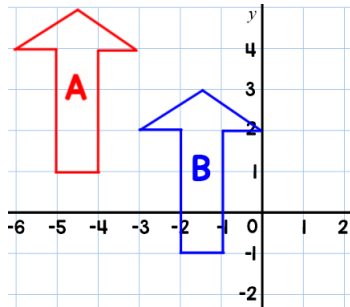
Translations

Day 3

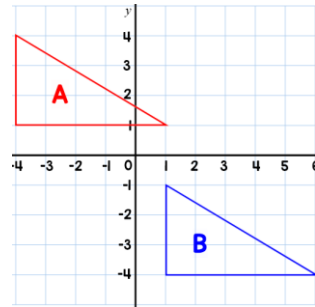
Week 7

3 Describe the translation from A to B.

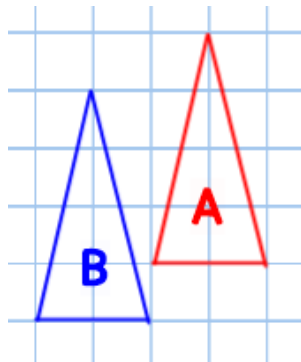
(a)



(b)

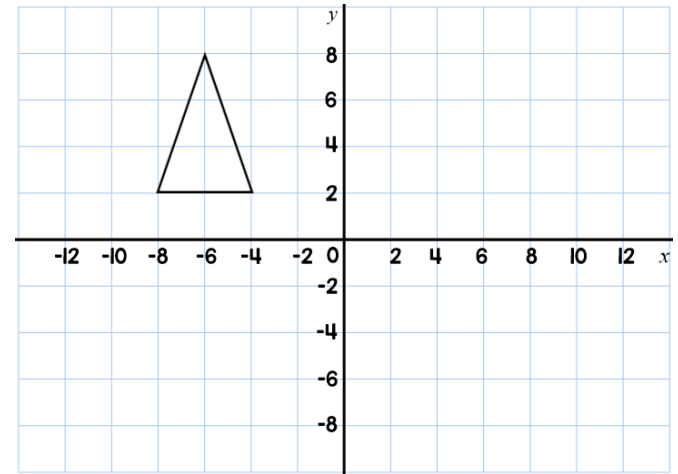


4 Millie says that shape A has been translated $\begin{pmatrix} 2 \\ 1 \end{pmatrix}$ to shape B, what mistake has she made?



5 Translate each shape by the given vector.

(a) $\begin{pmatrix} 6 \\ -12 \end{pmatrix}$



(b) $\begin{pmatrix} -6 \\ -3 \end{pmatrix}$

