



# Exit Ticket W4 - Translation

Name: .....

Date: .....

**AQA**  
Assessing progress

This triangle is translated by the vector  $\begin{pmatrix} -3 \\ -2 \end{pmatrix}$

Which point does the vertex (4, 1) translate to?

A (1, -1)  
B (-2, -1)  
C (1, 3)  
D (2, -2)

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Correct Answer: A B C D

Explanation:

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The point Q (3, -1) has been translated from P by the vector  $\begin{pmatrix} 4 \\ -3 \end{pmatrix}$ .

What are the coordinates of the point P?

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

Correct Answer: A B C D

Explanation:

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What vector describes the translation from shape S to shape P?

A)  $\begin{pmatrix} -3 \\ 4 \end{pmatrix}$   
B)  $\begin{pmatrix} 4 \\ -3 \end{pmatrix}$   
C)  $\begin{pmatrix} -4 \\ 3 \end{pmatrix}$   
D)  $\begin{pmatrix} 3 \\ -4 \end{pmatrix}$

Designed using: Autograph

Correct Answer: A B C D

Explanation:

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