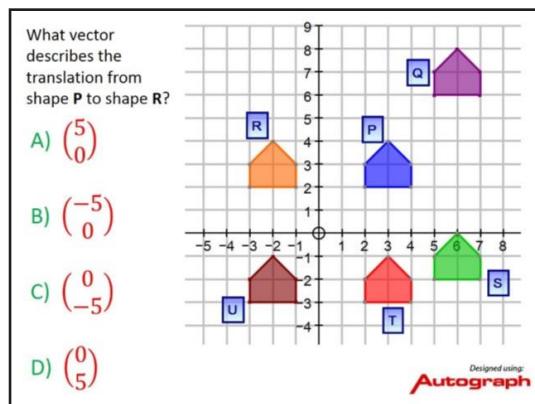




New Maths GCSE: G7 & G24 - Describing Translations using Vectors

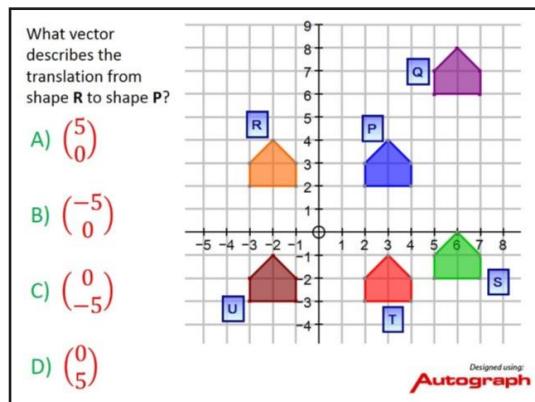
Name: Date:



Correct Answer: A B C D

Explanation:

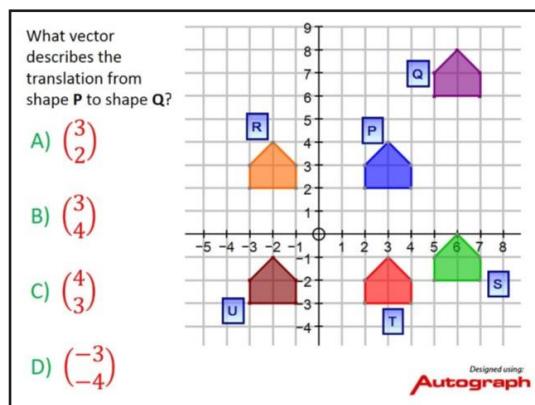
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Correct Answer: A B C D

Explanation:

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Correct Answer: A B C D

Explanation:

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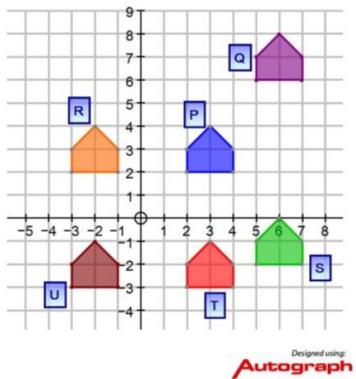
What vector describes the translation from shape P to shape S?

A) $(\begin{smallmatrix} 3 \\ -4 \end{smallmatrix})$

B) $(\begin{smallmatrix} 4 \\ -5 \end{smallmatrix})$

C) $(\begin{smallmatrix} -4 \\ 3 \end{smallmatrix})$

D) $(\begin{smallmatrix} 3 \\ 4 \end{smallmatrix})$



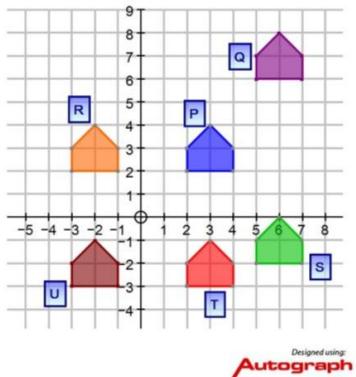
What vector describes the translation from shape T to shape U?

A) $(\begin{smallmatrix} 0 \\ 5 \end{smallmatrix})$

B) $(\begin{smallmatrix} 5 \\ 0 \end{smallmatrix})$

C) $(\begin{smallmatrix} -5 \\ 0 \end{smallmatrix})$

D) $(\begin{smallmatrix} 0 \\ -5 \end{smallmatrix})$



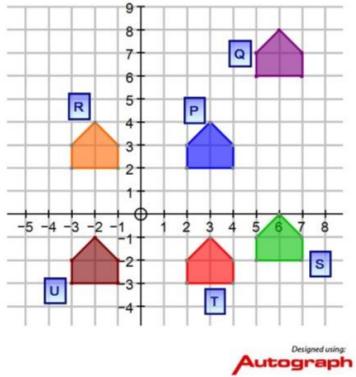
What vector describes the translation from shape U to shape T?

A) $(\begin{smallmatrix} 0 \\ 5 \end{smallmatrix})$

B) $(\begin{smallmatrix} 5 \\ 0 \end{smallmatrix})$

C) $(\begin{smallmatrix} 0 \\ 3 \end{smallmatrix})$

D) $(\begin{smallmatrix} 3 \\ 0 \end{smallmatrix})$



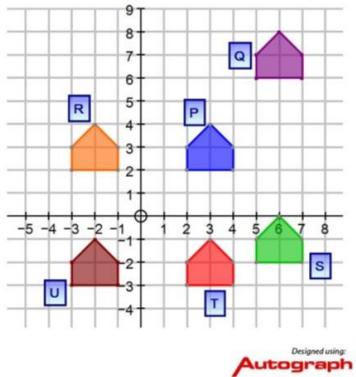
What vector describes the translation from shape S to shape U?

A) $(\begin{smallmatrix} 1 \\ 8 \end{smallmatrix})$

B) $(\begin{smallmatrix} 8 \\ 1 \end{smallmatrix})$

C) $(\begin{smallmatrix} -1 \\ -8 \end{smallmatrix})$

D) $(\begin{smallmatrix} -8 \\ -1 \end{smallmatrix})$



Correct Answer: A B C D

Explanation:

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Correct Answer: A B C D

Explanation:

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Correct Answer: A B C D

Explanation:

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Correct Answer: A B C D

Explanation:

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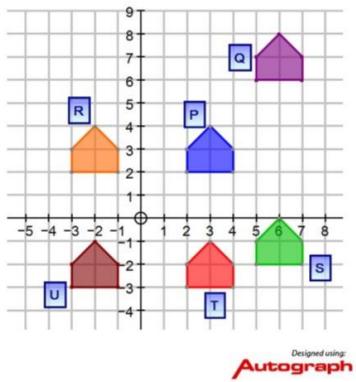
What vector describes the translation from shape P to shape U?

A) $\begin{pmatrix} 5 \\ 5 \end{pmatrix}$

B) $\begin{pmatrix} -5 \\ 5 \end{pmatrix}$

C) $\begin{pmatrix} 5 \\ -5 \end{pmatrix}$

D) $\begin{pmatrix} -5 \\ -5 \end{pmatrix}$



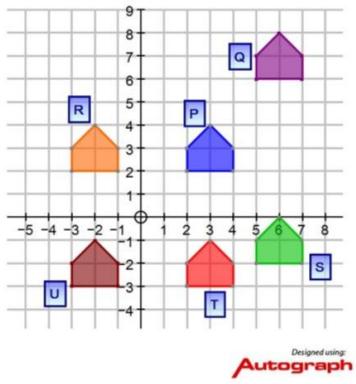
What vector describes the translation from shape T to shape S?

A) $\begin{pmatrix} 1 \\ 3 \end{pmatrix}$

B) $\begin{pmatrix} -1 \\ 3 \end{pmatrix}$

C) $\begin{pmatrix} 3 \\ 1 \end{pmatrix}$

D) $\begin{pmatrix} -3 \\ -1 \end{pmatrix}$



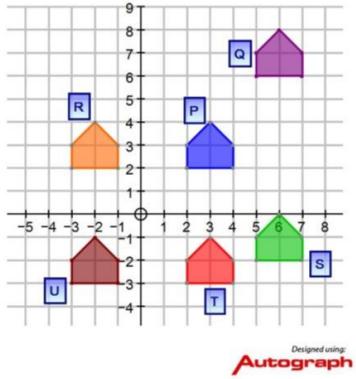
What vector describes the translation from shape S to shape P?

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

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

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

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



Correct Answer: A B C D

Explanation:

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Correct Answer: A B C D

Explanation:

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Correct Answer: A B C D

Explanation:

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