

Describing Translations

1

Describe the translation that maps A onto B.

right / left up / down

Translation by the vector $\begin{pmatrix} \\ \end{pmatrix}$

2

Describe the translation that maps A onto B.

right / left up / down

Translation by the vector $\begin{pmatrix} \\ \end{pmatrix}$

3

Describe the translation that maps A onto B.

right / left up / down

Translation by the vector $\begin{pmatrix} \\ \end{pmatrix}$

4

Describe the translation that maps A onto B.

right / left up / down

Translation by the vector $\begin{pmatrix} \\ \end{pmatrix}$

5

Describe the translation that maps A onto B.

right / left up / down

Translation by the vector $\begin{pmatrix} \\ \end{pmatrix}$

6

Describe the translation that maps A onto B.

right / left up / down

Translation by the vector $\begin{pmatrix} \\ \end{pmatrix}$

7

A rug is moved on a floor plan from A to B. Describe the translation.

right / left up / down

Translation by the vector $\begin{pmatrix} \\ \end{pmatrix}$

8

Describe the translation that maps B onto A.

right / left up / down

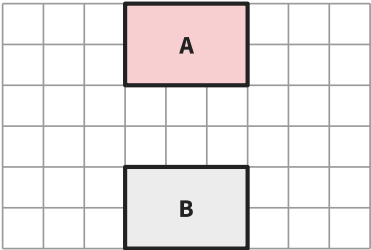
Translation by the vector $\begin{pmatrix} \\ \end{pmatrix}$

Describing Translations *further practice*

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Describe the translation that maps A onto B.



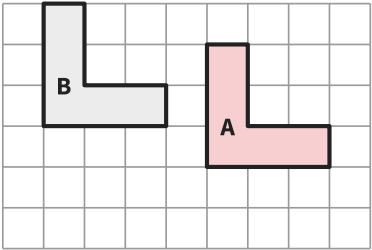
right / left up / down

Translation by the vector $\begin{pmatrix} 0 \\ 2 \end{pmatrix}$

10



Describe the translation that maps A onto B.



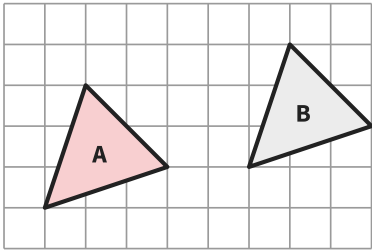
right / left up / down

Translation by the vector $\begin{pmatrix} 2 \\ 0 \end{pmatrix}$

11



Describe the translation that maps A onto B.



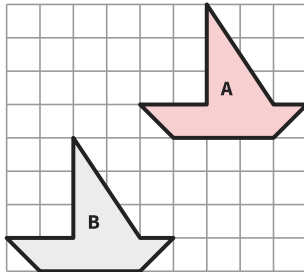
right / left up / down

Translation by the vector $\begin{pmatrix} 2 \\ 0 \end{pmatrix}$

12



A boat sails from A to B on a map. Describe the translation.



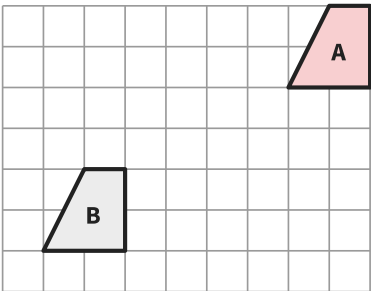
right / left up / down

Translation by the vector $\begin{pmatrix} 0 \\ 2 \end{pmatrix}$

13



Describe fully the single transformation that maps shape A onto shape B.



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Point P is translated to point Q. Write the column vector.

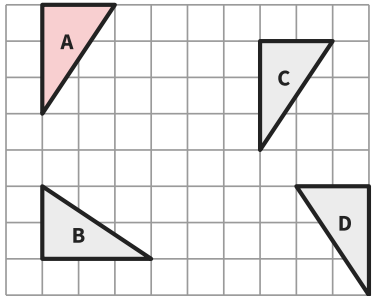


Vector _____

15



Which shape is a translation of A? Write its column vector.



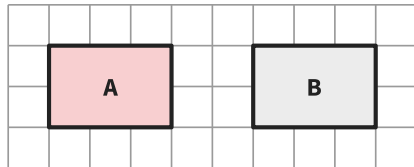
Shape _____

Vector _____

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Sam says A has moved 2 squares right to B. What has he done wrong?



Sam counted _____

A has moved _____