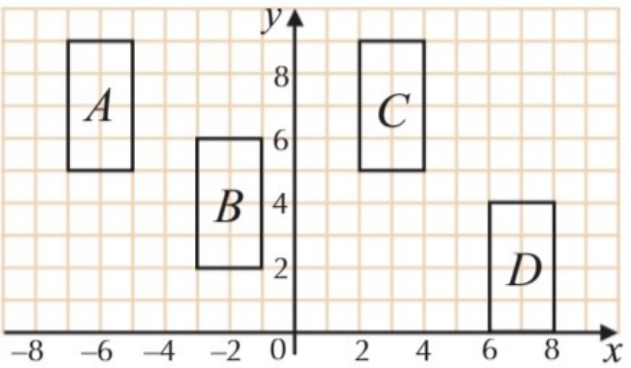
Translations

Name - _ _ _ _ _ _ _ _ Start time - _ _ : _ _ End time - _ _ : _ _

Solve the following

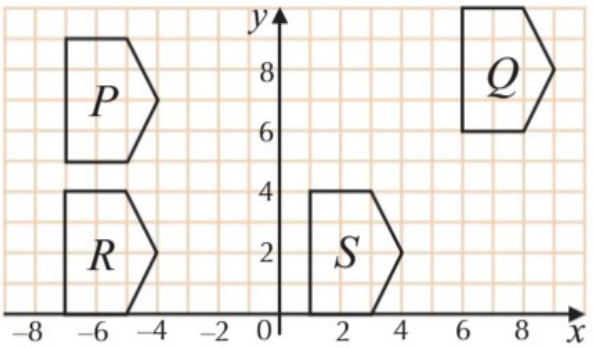
1. Give the vector that describes each of the following translations.
(ii) A onto C
(i) A onto B
(iii) C onto B
(iv) C onto D
(v) D onto A
(vi) D onto B

a)

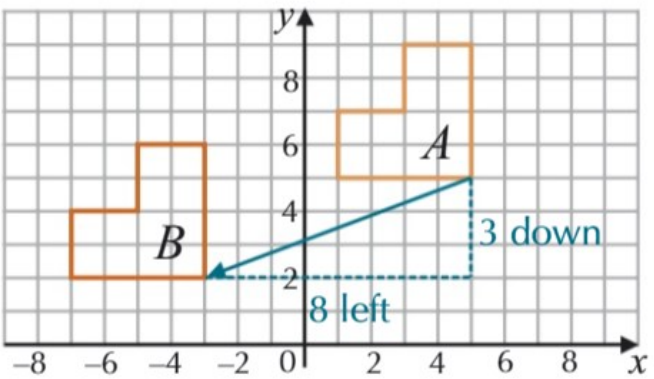


2. Give the vector that describes each of the following translations.
(i) Ponto R
(ii) R onto S
(iii) P onto Q
(iv) S onto R
(v) Q onto R
(vi) S onto P

b)



3. Describes the transformation that maps shape A onto shape B.



4. The triangle DEF has vertices D(1, 1), E(3, −2) and F(4, 0). After the translation $\begin{pmatrix} -3 \\ 2 \end{pmatrix}$ the image of DEF is D_1 , E_1 , F_1. Find the coordinates of D_1 , E_1 and F_1.