

Describe the translations.

a) From P to Q is right and up

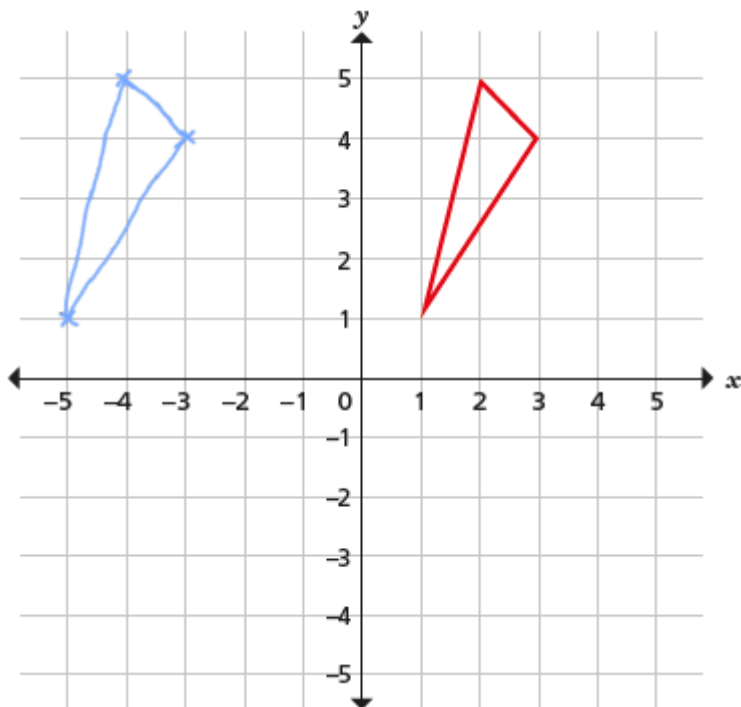
b) From Q to R is right and up

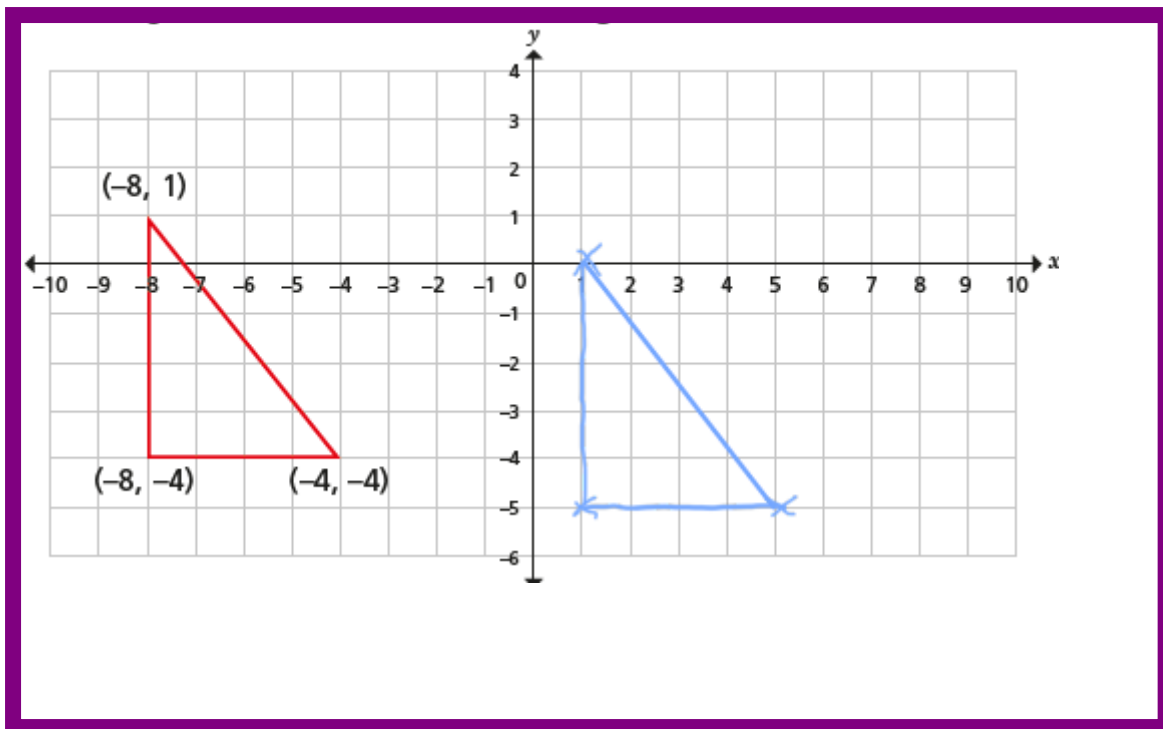
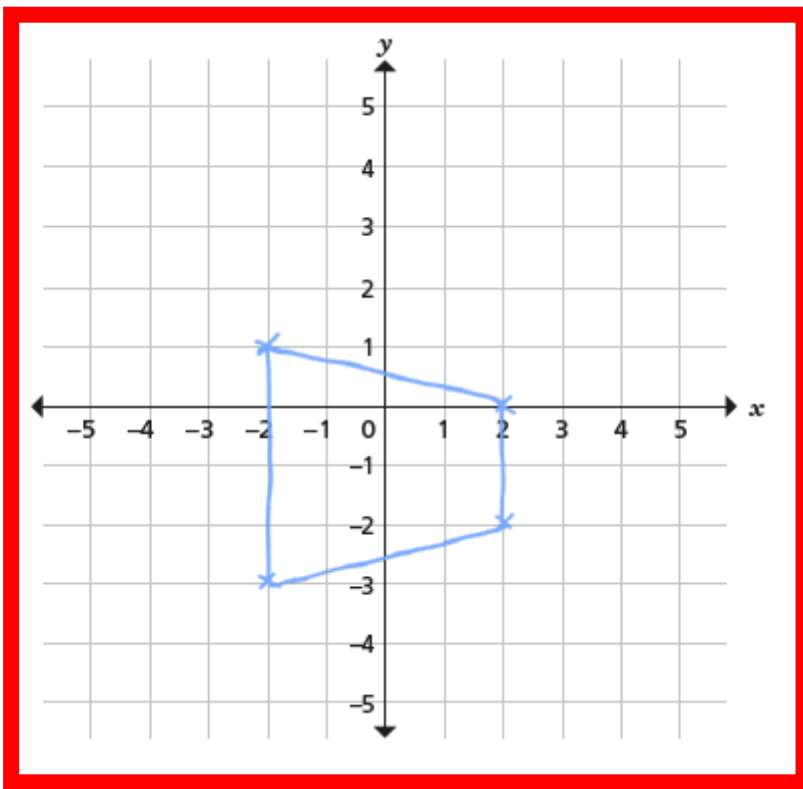
c) From R to S is left and up

d) From S to P is right and down

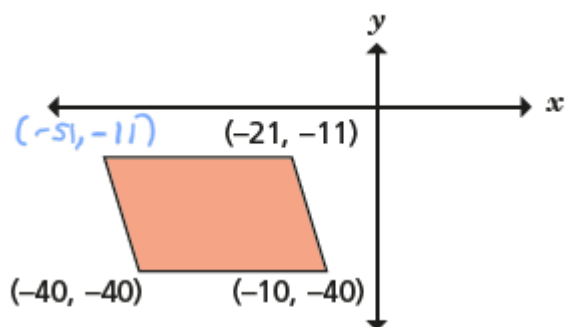
e) From Q to P is left and down

f) From R to Q is left and down





Working Deeper



This parallelogram has been translated 50 left and 25 down.

What were the coordinates of **all** four vertices before it was translated?

$(-1, 14)$ $(29, 14)$ $(10, -15)$ $(40, -15)$