

It seems like there is some information missing in your description, specifically the length of the square's sides and the magnitudes of the positive charges at the two corners. In order to calculate the electric potential energy of a third charge at corners A and B, I would need these missing values.

However, I can provide you with the general formula to calculate the electric potential energy between point charges. The electric potential energy

?

U between two point charges

?

1

9

1

U =

?

2

9

2

separated by a distance

?

r can be calculated using Coulomb's law:

?

=

?

.

Preview from Notesale.co.uk
Page 1 of 1