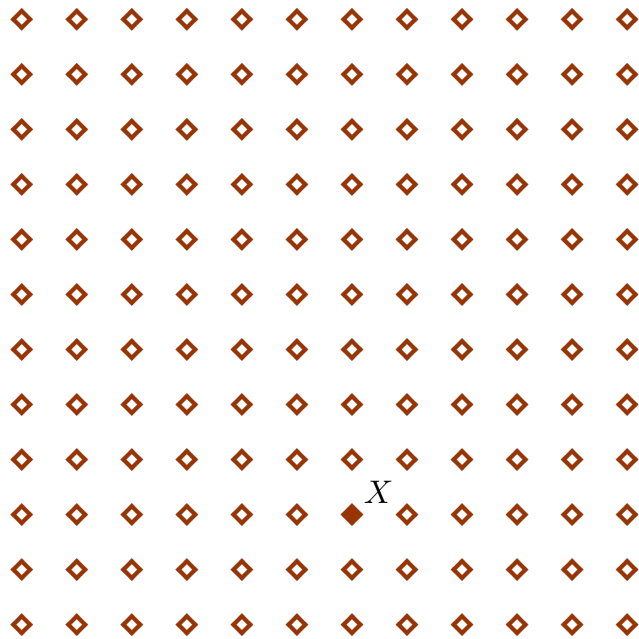# Problem of the Week
Problem C
Diamond in the Rough

Using 144 diamonds, the 12 by 12 grid of diamonds below is created. One of the diamonds is coloured and labelled X.

One of the other 143 diamonds in the grid is randomly chosen and is coloured in and labelled Y. What is the probability the line segment connecting X and Y is vertical or horizontal?

THEME: DATA MANAGEMENT