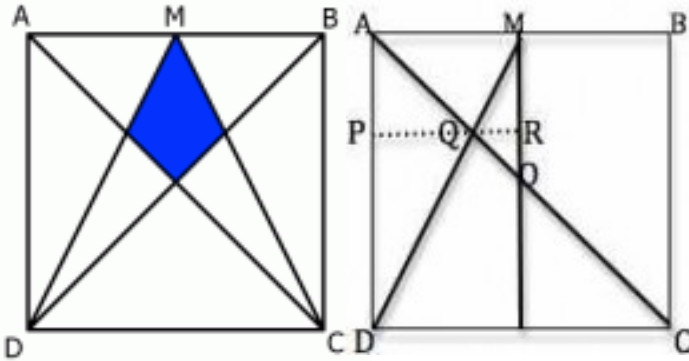


KITE IN A SQUARE

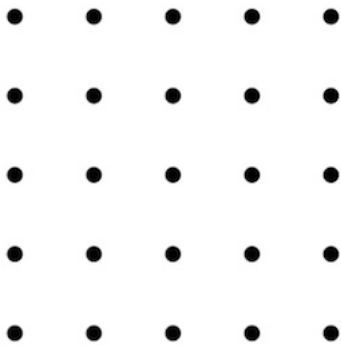


ABCD is a square with edge 1 unit. $AM=MB$ and O is the centre of the square.

Find the area of the kite.

Can you do this by more than one different method?

HELP

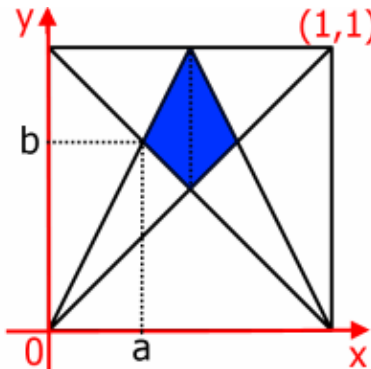


Start by drawing the square for yourself on dotted paper.

What do you notice about triangles ADQ and MQO ?

What can you find out about the lengths PQ and QR ?

NEXT



This diagram might suggest another method. Can you find the area of the kite by two different methods?

Can you find the areas of the other triangles in the diagram?

