

Exploring Quadrilaterals

Create a quadrilateral to place in at least 3 different boxes on the attached grid based on the number of pairs of parallel sides and congruent sides. Create drawings that represent your shapes and explain why they fit using mathematical vocabulary. Use any available tools to assist with your drawings.

Shape _____ makes sense because

Shape _____ makes sense because

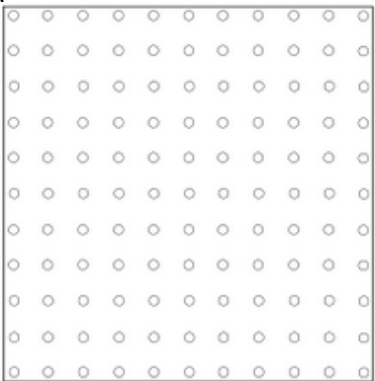
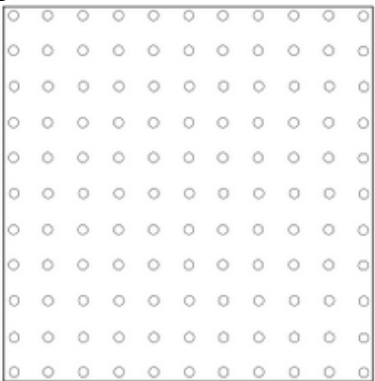
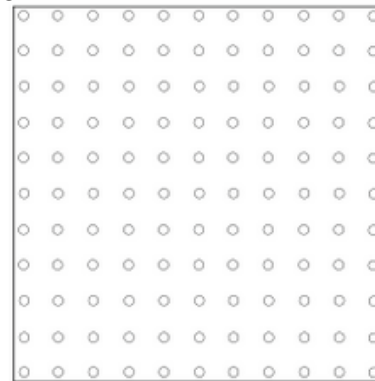
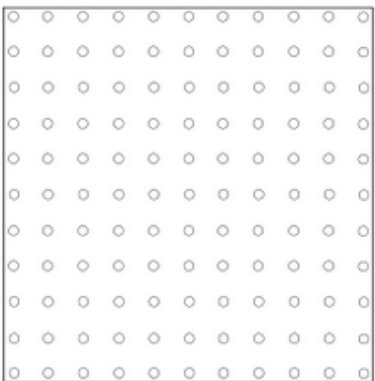
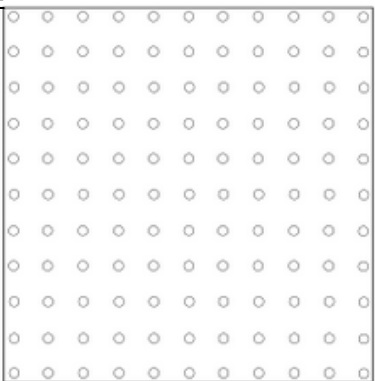

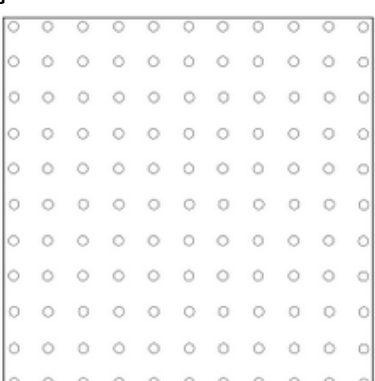
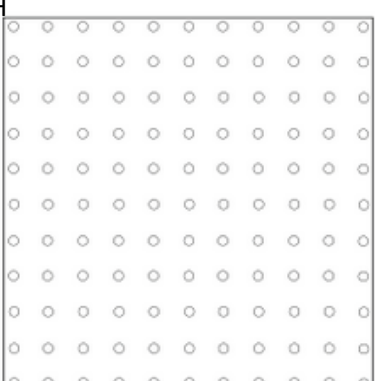
Shape _____ makes sense because

Keep thinking!

Are there any boxes in the grid that could have more than one quadrilateral? Explain.

Were there any boxes for which no quadrilateral would fit? Explain.

Pairs of Congruent Sides

		0	1	2
Pairs of Parallel Sides	0	A 	B 	C 
	1	D 	E 	F 
	2	G 	H 	I 