

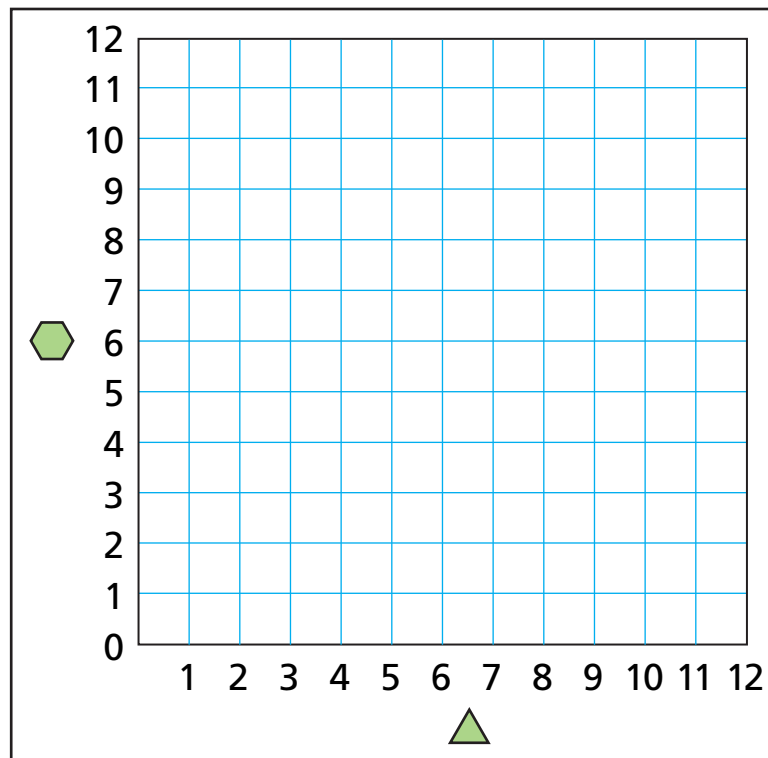
Graphing Solutions to Open Number Sentences

NCTM Standards 1, 2, 5, 6, 7, 8, 10

- 1 Complete the table and graph the points.

$$\triangle - \hexagon = 3$$

	7	10			4			5		9
	4	7	3	0		9	8		5	



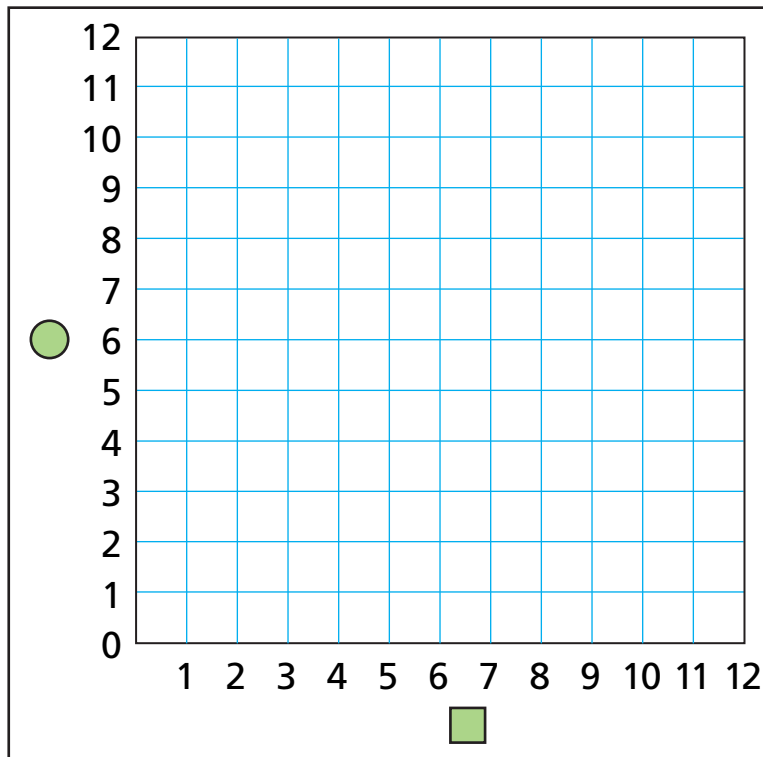
- 2 If \triangle and \hexagon must both be whole numbers, could \triangle be 2? Explain your answer.

- 3 If \triangle and \hexagon must both be whole numbers, could \hexagon be 100? Explain your answer.

4 Complete the table and graph the points.

$$\square + 5 = \bigcirc$$

\square	0	1	2					
\bigcirc	5							



5 If \square and \bigcirc must both be whole numbers, could \square be 100? Explain your answer.

6 If \square and \bigcirc must both be whole numbers, could \bigcirc be 2? Explain your answer.

7 **Challenge** What do you notice about the points on the graph?
