

## P.S. #6.1 - Symmetries

Name: \_\_\_\_\_ Class: \_\_\_\_\_

- 1.) Which type of symmetry, if any, does a square have?  
**A.** line symmetry, only                      **B.** point symmetry, only  
**C.** both line and point symmetry              **D.** no symmetry
  
- 2.) What is the total number of lines of symmetry for a triangle with equal sides?
  
- 3.) Which number has horizontal and vertical line symmetry?  
**A. 414**              **B. 383**                      **C. 818**                      **D. 100**
  
- 4.) Tell the number of lines of symmetry the letter or number has, then tell whether it has point symmetry as well.

	0	1	2	3	4	5	6	7	8	9	A	B	C	D
# of Lines of Symmetry	∞	2	0	1										
Point Symmetry?	✓	✓												

	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
# of Lines of Symmetry														
Point Symmetry?														

	S	T	U	V	W	X	Y	Z	⌘	☺	♥	🕸	🕷	
# of Lines of Symmetry														
Point Symmetry?														

- 5.) Find the equation of a line passing through the points (-5,2) and (5,6).

