11-2   Line Symmetry

Name: _____   Time› Start: _____   Finish: _____   Total Time = _____

A B C D E F H I J N S T W

1.   From the list above, tell which letters have

a.) horizontal symmetry   _____

b.) vertical symmetry   _____

c.) rotational symmetry (Point) _____

2.   If A = (3, -2) and it is reflected over the y-axis, where will it land? _____

3.   If A = (-4, -1) and it is reflected over the x-axis, where will it land?   _____

4.   If A = (5, 4) and it is reflected over the y-axis, where will it land? _____

5.   If A = (0, 4) and it is reflected over the x-axis, where will it land? _____

6   If A = (1, -7) and it is reflected over the line y = 4, where will it land?   _____

7   If A = (-2, -8) and it is reflected over the line x = 2, where will it land?   _____

8.   If A = (1, -2) and it is reflected over the line y = 9, where will it land?   _____

9.   If A = (0, -2) and it is reflected over the line y = 6, where will it land?   _____

10.   If A = (-6, -4) and it is reflected over the line x = 1, where will it land? _____

11.   If A = (3, 2) and it is reflected over the line y = x, where will it land?   _____

12.   If A = (-4, 1) and it is reflected over the line y = x, where will it land?   _____

Tell if the given shapes have line symmetry, point symmetry (rotational), or both?

13.   Square   _____

14.   Rectangle   _____

15.   Isosceles Triangle   _____

16.   Isosceles Trapezoid   _____

17.   5 sided star   _____

18.   Circle   _____