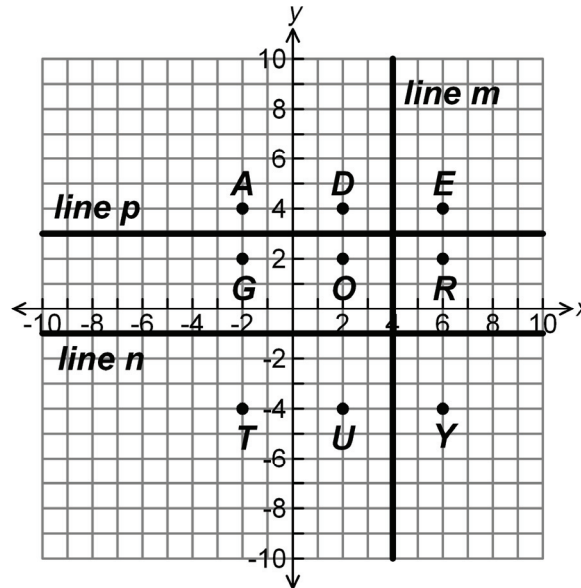Student Name: _____ Date: _____

Flip Flop

Complete the table below. Write the *letter* that corresponds to the location of the point after the reflection. Upon completion, read the letters in the final column for a secret message.

Start at point . . .	Reflect across . . .	End at point . . .
E	x-axis	
R	line m	
O	line n	
G	line p	
E	line p	
D	line m	
O	y-axis	
Y	line n	
R	line p	
D	y-axis	
A	x-axis	

Communicating About Mathematics
Describe what happens to the *x*-value of the ordered pair when the ordered pair is reflected over the *x*-axis. Explain your reasoning.

_____
_____
_____
_____
_____