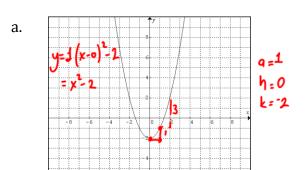
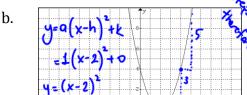
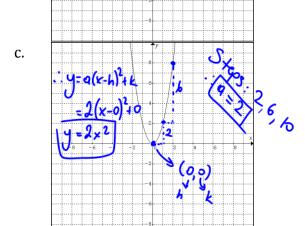
Knowledge: _____/8 Application: _____ Communication: _____/4

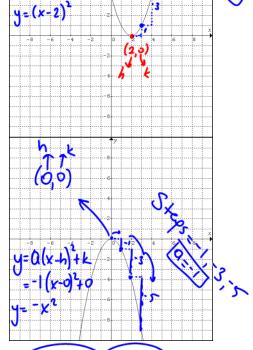
Match the graph with the correct equation by placing the letter of the graph UNDER 1. the equation. Note: Only 4 of the equations will be used.

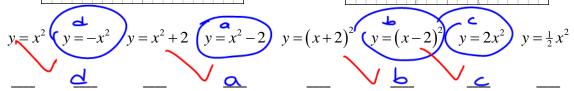
[K4]











d.

State the transformations that took place to the basic $y = x^2$ to obtain the parabola 2. given. Use proper math terminology.

[C4]

$$y = -2(x-3)^2 + 1$$
effected in the "x" axi's

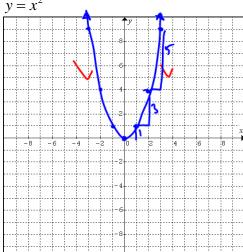
- R: Reflected in the 'x' axi's

 S: Vertical stretch by a factor of 2

 T: Shifted 3 units RIGHT, I unit up

Graph each of the following. 3.

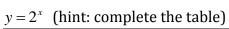


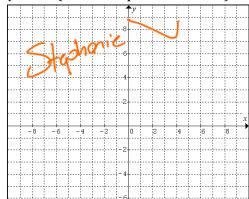


b.

2-3

13



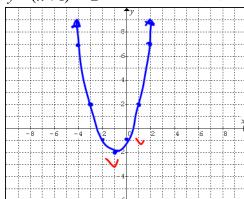


[K2+K2]

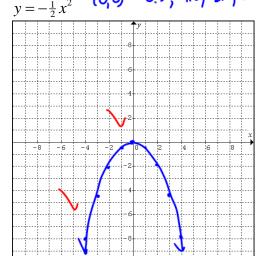
X	y	
-3	1 801	5
-2	خ - (۳	כי
-1	-12	5
0	L	
1	2	
2	4	
3	8	

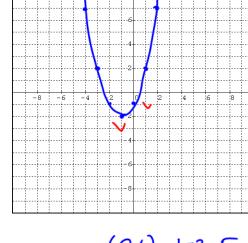
[A2+A2]

 $y=(x+1)^2-2$ (-1,-2) 1,3,5,7 c.

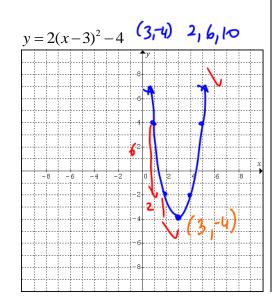


d. $y = -\frac{1}{2}x^2$ (0,0) -0.5, -1.5, -2.5, -3.5





f.



[A2+A3]

