

Situational Problem Review

Find the equation of the following parabolas:

- 1) The function is negative over $[-4,4]$. The minimum is -12 .
- 2) The axis of symmetry is $x=2$. The curve passes through the points $A(0,3)$ and $B(1,0)$.
- 3) The rule can be found from the following table:

x	y
0	-3.25
1	3
3	8
5	3
7	-12