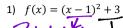
We are going to practice writing equations in vertex form using all different pictures.

Let's talk about how these have moved on the graph.



3) $f(x) = \frac{1}{3}x^2 + 10$

HORIZ. Stretch Vertex (0,10)

a ofs: x=0

2) $f(x) = -4(x+3)^2$

4) $f(x) = -(x+5)^2 - 7$

Let's make equations now given all different types. $U = a(x-h)^2 + K$

Let's graph the following in vertex form based off the knowledge you have.

