Write the equation in point slope/slope intercept form/standard form

1.  $(2, -1)$  $m = 3$

2.  $(-4, -1)$ $(-9, 2)$

3.  $(3, 4)$  $m = \dfrac{1}{2}$

4.  $(2, 12)$ $(7, 2)$

5.  $(-3, 10)$  $m = 4$

6.  $(5, 12)$ $(6, -2)$

Given the vertex and another point on the parabola write the equation of the parabola in vertex form

7.  $V(-2, -9)$  and point $(2, 4)$

8.  $V(3, -12)$ and point $(8, 4)$

9.  $V(2, 1)$  and point $(-3, -5)$

10.  $V(3, -1)$ and point $(8, -4)$