HUYA Review

1) Convert this equation from vertex form to standard form. **y = -2(x - 3)2 + 7**

2) Find the vertex of y = 2x2 + 4x – 10 .

3) Use your graphing calculator to solve this equation by graphing. **y = x2 - 6x + 5**

4) Use your graphing calculator to solve this equation by graphing. **y = x2 + 8x + 16**

5) Use your graphing calculator to solve this equation by graphing. **y = -2x2 - 5x – 6**

6) Solve using square roots. **x² - 121 = 0**

7) Solve using square roots. **3x² = 12**

8) Solve using square roots. **2x² + 8 = 0**