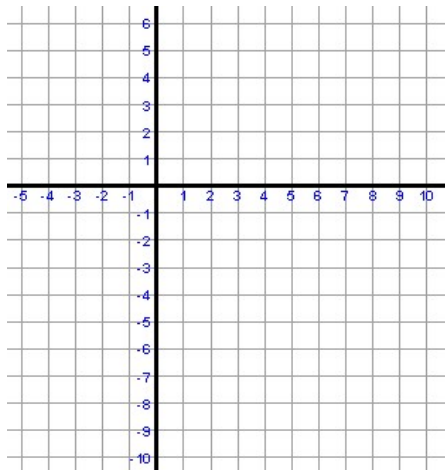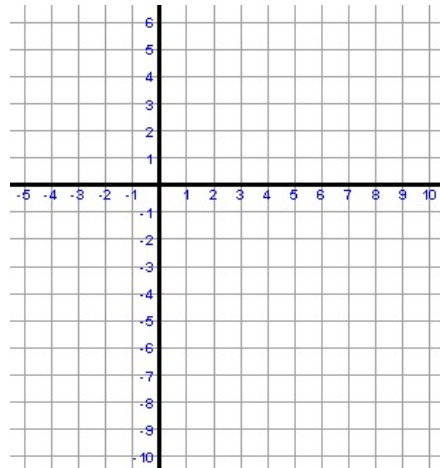# 1.10 HW

Use factoring to find the solutions to each given quadratic equation.
Sketch the graph of the parabola, using the appropriate y-intercept and vertex.

1. $x^2 - 4x = 5$

2. $x^2 = 10x - 21$

Use factoring to find the solutions to each given quadratic equation.
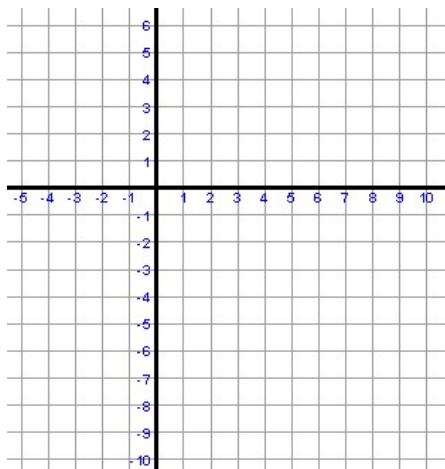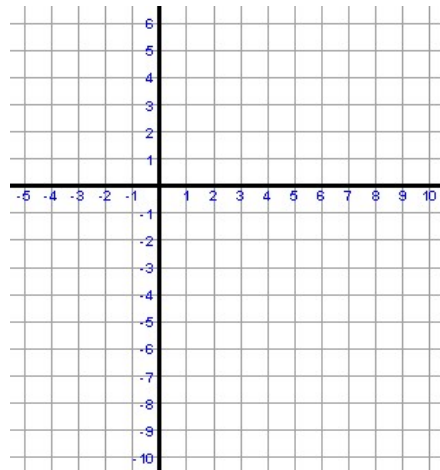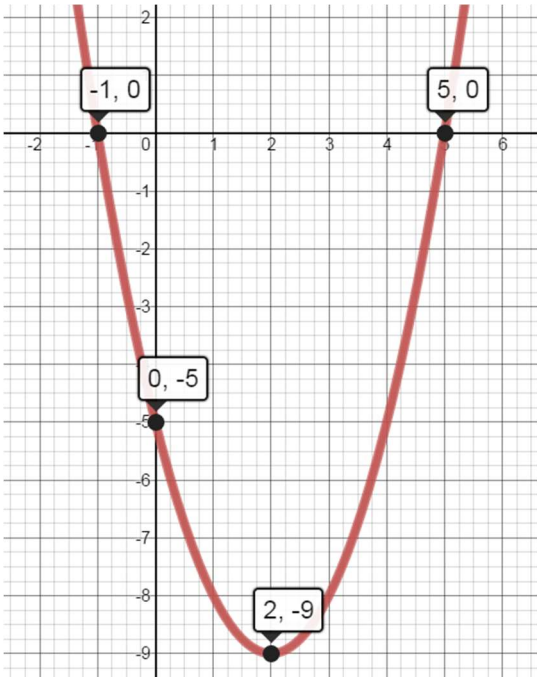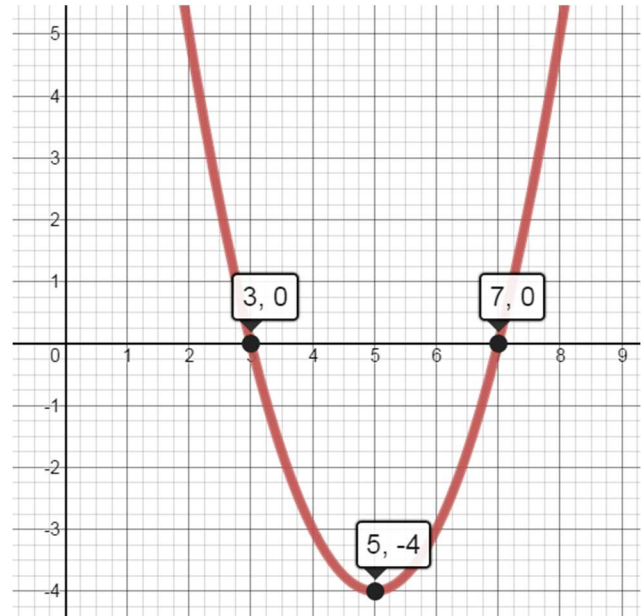
3. $x^2 - 3x + 2 = 0$
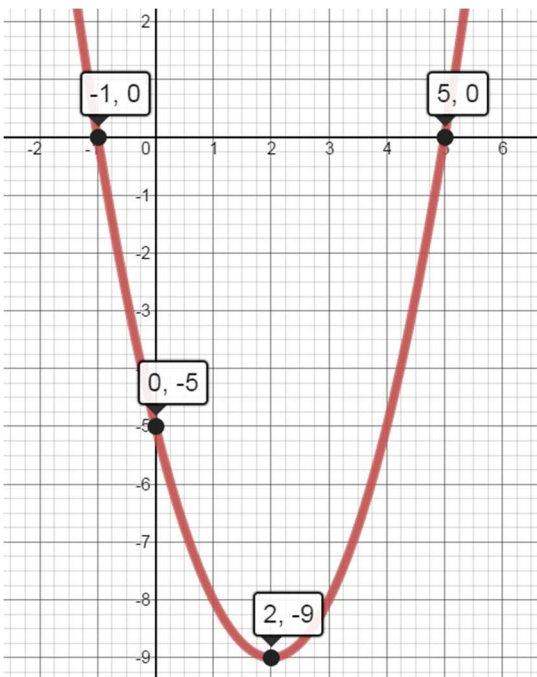
4. $2x^2 + 9x + 4 = 0$

1. x = -1 or x = 5

-1, 0

5, 0

0, -5

2, -9

2. x = 3 or x = 7

3, 0

7, 0

5, -4

3. x = 1 or x = 2

4. x = -½ or x = -4

-1, 0

5, 0

0, -5

2, -9

3, 0

7, 0

5, -4