

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

**Algebra 1CP – Practice quiz on quadratics, part 2**

Show your work and write your answer in the space provided.

Solve the equations by factoring

1)  $x^2 - 13x + 40 = 0$

2)  $10m^2 - 29m + 5 = -5$

Solve by taking the square root. Round to the nearest tenth if needed.

3)  $7v^2 + 1 = 29$

4)  $2 - 2k^2 = -144$

Solve by completing the square

5)  $x^2 + 14x - 15 = 0$

6)  $5k^2 = 60 - 20k$

Solve by graphing

7)  $y = x^2 - 7x + 10$

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

4) \_\_\_\_\_

5) \_\_\_\_\_

6) \_\_\_\_\_

7) Use the space and x-y coordinate plane given for work and graph

