

Name : _____

Quadratic Function - Intercepts

Sheet 2

Find the x -intercept and y -intercept of each quadratic function.

1) $f(x) = (3x - 5)^2 - 64$

2) $f(x) = -x^2 - 10x + 11$

x -intercept _____

y -intercept is _____

3) $f(x) = -(x - 5)(x + 3)$

x -intercepts are _____

x -intercepts are _____

y -intercept _____

5) $f(x) = -(x - 2)^2 + 9$

x -intercepts are _____

y -intercept is _____

7) $f(x) = 3(2x - 2)^2$

x -intercept is _____

y -intercept is _____

9) $f(x) = 6(x - 1)^2 - 6$

x -intercepts are _____

y -intercept is _____

10) $f(x) = 3x^2 - 3$

x -intercepts are _____

y -intercept is _____

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