

Name : _____

Quadratic Function - Intercepts

Sheet 1

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

1) $f(x) = x^2 + 9x + 18$

2) $f(x) = 3(x + 4)(x - 5)$

x -intercept _____

y -intercept is _____

3) $f(x) = (x + 2)^2 - 16$

x -intercept are _____

x -intercepts are _____

y -intercept _____

5) $f(x) = (2x - 3)^2 - 9$

x -intercept are _____

y -intercept is _____

7) $f(x) = (x - \frac{1}{2})^2 - \frac{1}{4}$

x -intercept are _____

y -intercept is _____

9) $f(x) = 4x^2 - 12x + 9$

x -intercepts are _____

y -intercept is _____

10) $f(x) = (2x + 3)^2 - 81$

x -intercepts are _____

y -intercept is _____

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