

# Graphing Quadratic Functions

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A) Write each quadratic function in intercept form.

1)  $f(x) = 2x^2 + 10x + 8$

2)  $f(x) = -(x - 8)^2 + 36$

3)  $f(x) =$

# Preview

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1)  $f(x) =$

$x =$

$y$ -intercept: \_\_\_\_\_

$y$ -intercept: \_\_\_\_\_

3)  $f(x) = 3x^2 + 5x$

4)  $f(x) = x^2 - 2\sqrt{2}x + 2$

$x$ -intercepts: \_\_\_\_\_

$x$ -intercepts: \_\_\_\_\_

$y$ -intercept: \_\_\_\_\_

$y$ -intercept: \_\_\_\_\_