

Intercept Form

Sheet 1

Write each quadratic function in intercept form.

1) $f(x) = (x + 1)^2 - 49$

2) $f(x) = x^2 - 2\sqrt{5}x + 5$

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

$(x - 5)^2 - 64$

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

$8x^2 + 53x - 30$

7) $f(x) = (2x +)$

$x^2 - x$

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

10) $f(x) = 2x^2 + 3x - 14$

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Sheet 1

Write each quadratic function in intercept form.

1) $f(x) = (x + 1)^2 - 49$

2) $f(x) = x^2 - 2\sqrt{5}x + 5$

$f(x) = (x - 6)(x + 8)$

$f(x) = (x - \sqrt{5})^2$

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

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

$f(x) = 6(x - 1)(x + 1)$

$f(x) = (x - 13)(x + 3)$

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

$f(x) = 8x^2 + 53x - 30$

$f(x) = -5(x + 1)(x + 1)$

$f(x) = 8(x - \frac{5}{8})(x - 6)$

7) $f(x) = (2x + 1)^2 - 1$

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

$f(x) = 4(x + 1)(x + 1)$

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

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

10) $f(x) = 2x^2 + 3x - 14$

$f(x) = (x - 2)(x + 2)$

$f(x) = 2(x - 2)(x + \frac{7}{2})$

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