

## General Form

Sheet 2

Write each quadratic function in general form.

1)  $f(x) = \left(5x + \frac{3}{5}\right)^2 - \frac{13}{5}$

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

3)  $f(x) = -8(2x - 3)^2 + 1$

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

5)  $f(x) = (9x - 3)^2 - 1$

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6)  $f(x) = 5\left(x + \frac{1}{2}\right)(2x + 5)$

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

8)  $f(x) = (x + 8)^2 - 7$

9)  $f(x) = -(6x + 4)^2 + 27$

10)  $f(x) = (5x + 10)^2 + 25$

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