

General Form

Sheet 3

Write each quadratic function in general form.

1) $f(x) = -3\left(x - \frac{7}{2}\right)(x + 6)$

2) $f(x) = 10(2x - 3)^2 + 20$

3) $f(x) = 15(x +$

$)(4x - 1)(x - 5)$

5) $f(x) = (32x +$

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$(x - 7)^2$

7) $f(x) = \frac{1}{5}(2x \cdot$

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$(x + 3)^2 + 5$

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9) $f(x) = \left(3x + \frac{5}{4}\right)^2 - \frac{7}{8}$

10) $f(x) = 12(x - 6)\left(x + \frac{8}{3}\right)$