

Quadratic Function - Intercept Form

Sheet 2

Find a quadratic function with the given zeros and passing through the given point.

1) zeros: $x = -1, x = 2$

passes through $(-5, 7)$.

2) zeros: $x = 0, x = \frac{1}{4}$

passes through $(1, -3)$.

3) zeros: $x = \frac{7}{2},$

passes through

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9, $x = -2$

through $(5, -4)$.

5) zeros: $x = -5,$

passes through

$\frac{5}{4}, x = -4$

through $(-1, 9)$.

7) zeros: $x = -\frac{3}{2}, x = -\frac{4}{3}$

passes through $(2, -4)$.

8) zeros: $x = 3, x = -8$

passes through $(-2, -6)$.