$\qquad$
$\qquad$ Period: $\qquad$

## Quadratic Functions

$\begin{array}{llllllllllllllllllllllll}\mathrm{R} & \mathrm{O} & \mathrm{S} & \mathrm{R} & \mathrm{A} & \mathrm{T} & \mathrm{E} & \mathrm{O} & \mathrm{F} & \mathrm{C} & \mathrm{H} & \mathrm{A} & \mathrm{N} & \mathrm{G} & \mathrm{E} & \mathrm{C} & \mathrm{N} & \mathrm{A} & \mathrm{G} & \mathrm{E} & \mathrm{A} & \mathrm{G} & \mathrm{W} & \mathrm{L}\end{array}$
$\begin{array}{lllllllllllllllllllllllll}\text { I } & \mathrm{T} & \mathrm{X} & \mathrm{A} & \mathrm{M} & \mathrm{Q} & \mathrm{U} & \mathrm{A} & \mathrm{D} & \mathrm{R} & \mathrm{A} & \mathrm{T} & \mathrm{I} & \mathrm{C} & \mathrm{F} & \mathrm{U} & \mathrm{N} & \mathrm{C} & \mathrm{T} & \mathrm{I} & \mathrm{O} & \mathrm{N} & \mathrm{Z} & \mathrm{I}\end{array}$







$\begin{array}{lllllllllllllllllllllllll}\mathrm{T} & \mathrm{S} & \mathrm{T} & \mathrm{A} & \mathrm{N} & \mathrm{D} & \mathrm{A} & \mathrm{R} & \mathrm{D} & \mathrm{F} & \mathrm{O} & \mathrm{R} & \mathrm{M} & \mathrm{B} & \mathrm{Z} & \mathrm{U} & \mathrm{K} & \mathrm{G} & \mathrm{D} & \mathrm{P} & \mathrm{T} & \mathrm{M} & \mathrm{M} & \mathrm{T}\end{array}$









$\begin{array}{llllllllllllllllllllllllll}I & Z & K & N & Z & Y & N & E & G & D & G & R & Y & O & P & E & Y & K & B & Y & J & A & A & Q\end{array}$
$\begin{array}{lllllllllllllllllllllllll}\mathrm{O} & \mathrm{G} & \mathrm{W} & \mathrm{S} & \mathrm{Y} & \mathrm{S} & \mathrm{T} & \mathrm{E} & \mathrm{M} & \mathrm{O} & \mathrm{F} & \mathrm{E} & \mathrm{Q} & \mathrm{U} & \mathrm{A} & \mathrm{T} & \mathrm{I} & \mathrm{O} & \mathrm{N} & \mathrm{S} & \mathrm{D} & \mathrm{L} & \mathrm{L} & \mathrm{P}\end{array}$


$\begin{array}{lllllllllllllllllllllllll}\mathrm{Q} & \mathrm{G} & \mathrm{X} & \mathrm{E} & \mathrm{N} & \mathrm{J} & \mathrm{P} & \mathrm{A} & \mathrm{R} & \mathrm{A} & \mathrm{B} & \mathrm{O} & \mathrm{L} & \mathrm{A} & \mathrm{N} & \mathrm{J} & \mathrm{C} & \mathrm{M} & \mathrm{E} & \mathrm{X} & \mathrm{M} & \mathrm{Z} & \mathrm{V} & \mathrm{S}\end{array}$

| difference of two squares | perfect square trinomial |
| :--- | :--- |
| quadratic function | quadratic equation |
| line of best fit | horizontal shift |
| rate of change | standard form |
| polynomial | trinomial |
| binomial | maximum |


| system of equations | complete the square |
| :--- | :--- |
| quadratic formula | line of symmetry |
| axis of symmetry | parent function |
| discriminant | expression |
| parabola | monomial |
| minimum | vertex |

root

