Altering Equations to Fit Our Needs – Day 2

Unit 2B: Quadratic Functions – Modeling

Without graphing the following functions identify each of the following:

A. The zeros of the function

B. The axis of symmetry

C. The extreme value

1. $h(t) = x^2 + 10x + 16$	2. $A(x) = x^2 - 10x + 28$
3. $h(t) = -t^2 + 13t - 12$	4. $C(r) = -r^2 + 9r + 18$

Without graphing the following functions identify each of the following:

A. The zeros of the function

B. The axis of symmetry

C. The extreme value

5. $h(t) = 3t^2 + 3t - 60$	6. $A(x) = 2x^2 + 20x - 150$
7. $h(t) = t^2 - 225$	8. $C(r) = -1r^2 - 22r - 40$