

Mr. Northcutt's Math Classes Class Presentation

April 24, 2009 (145)



Math 1



Math 2



Applied Math



Math 1 – Daily Summary

- **Announcements**

- *It is your responsibility to make-up a missed quiz/test.*

- **Class Objectives – What you should learn today?**

- Graphing Quadratic Equations with a, b, and c non-zero.
 - Standard Form of Quadratic Function
 - Shape = “Pa-rab-o-la”
 - Axis of Symmetry (x=?), Vertex (x,y), Minimum/Maximum

- **Assignment**

- **Worksheet:** Graphing Quadratic Equations II

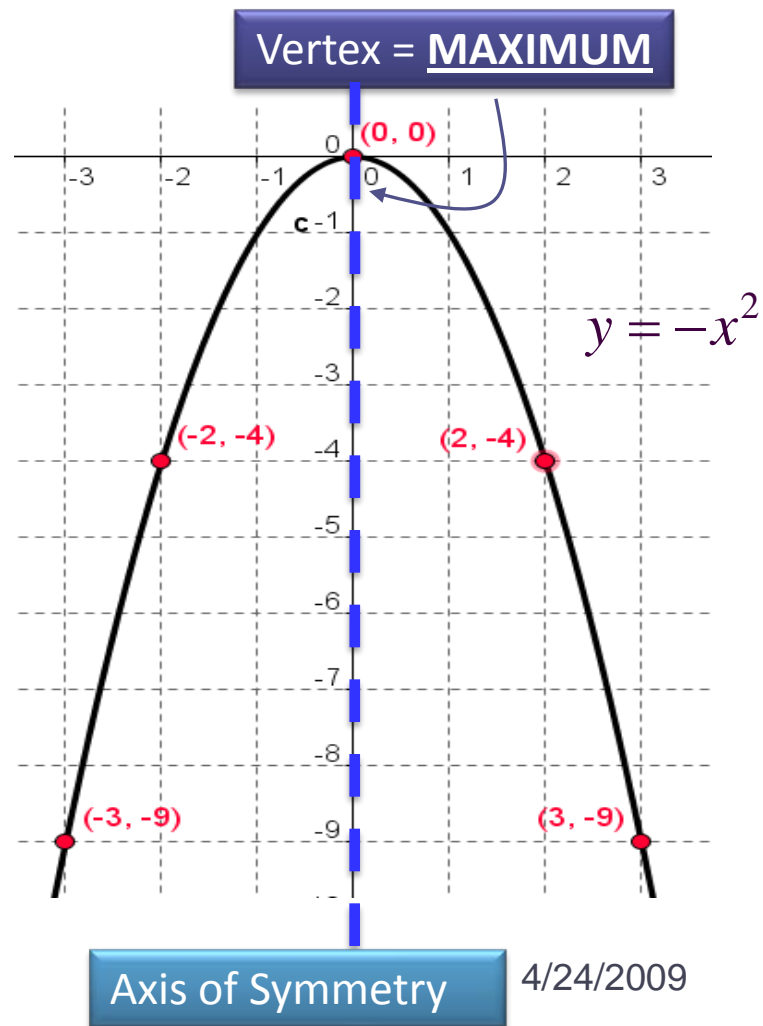
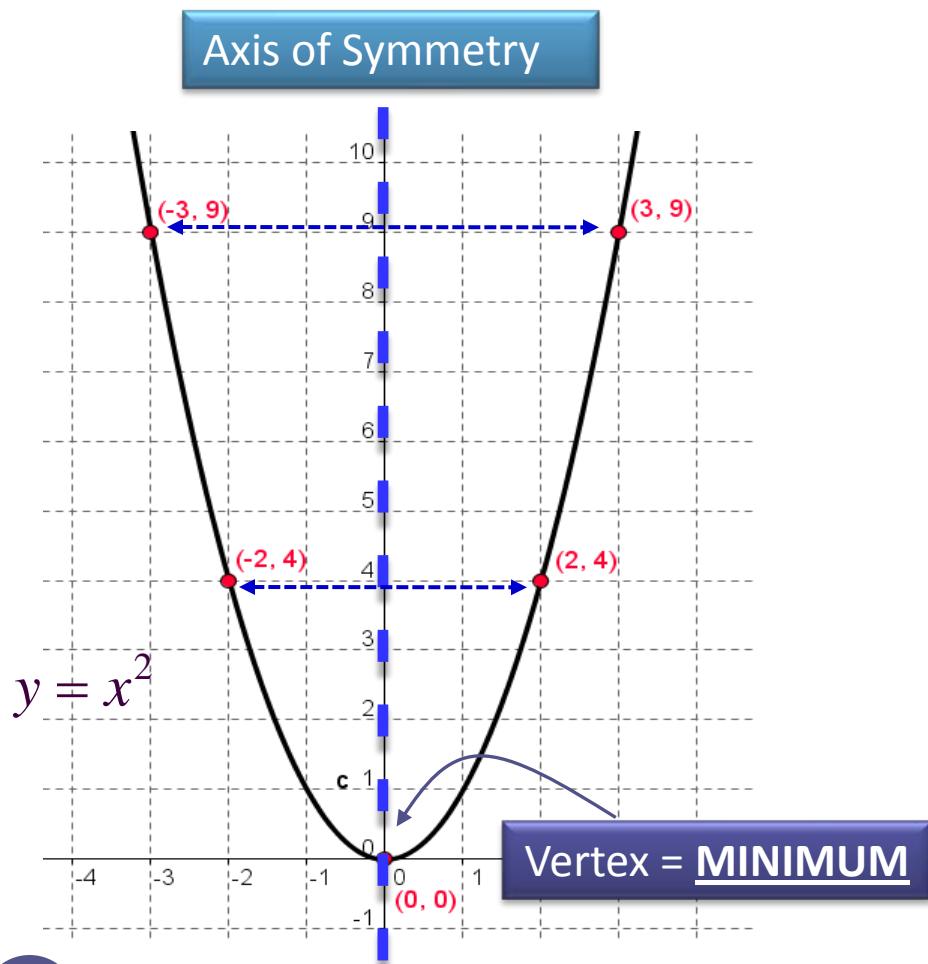
$$y = ax^2 + bx + c$$

Quadratic Functions

$$y = ax^2 + bx + c$$



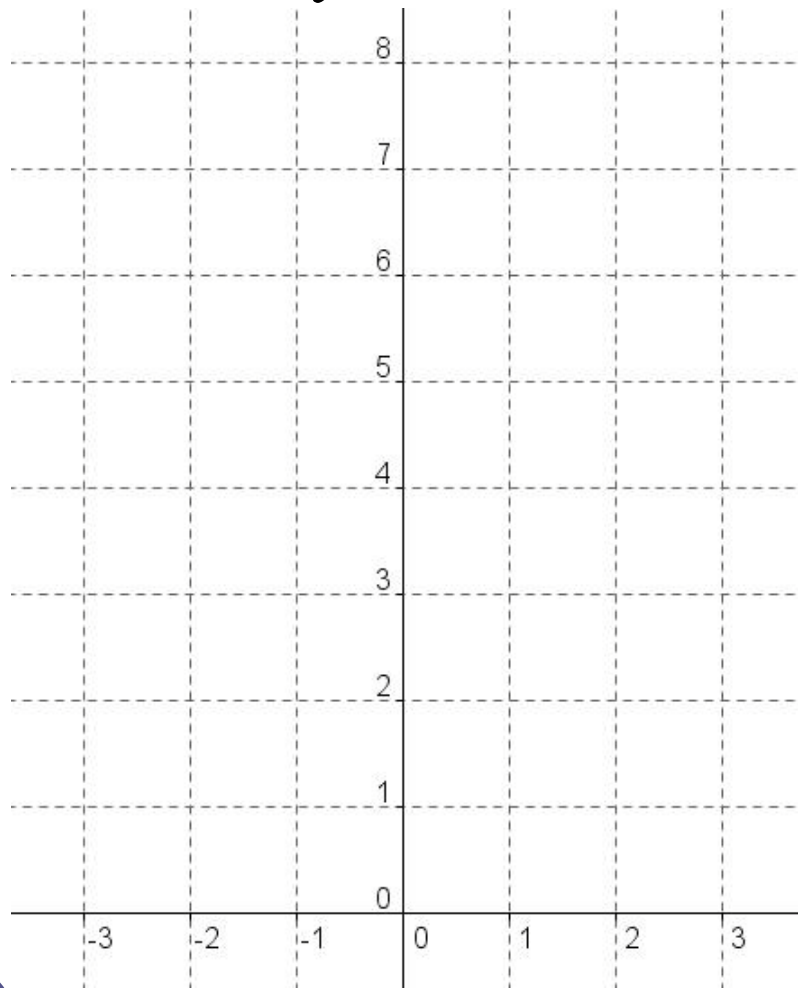
- Standard Form of Quadratic Function





More Complex (what does **c** do?)

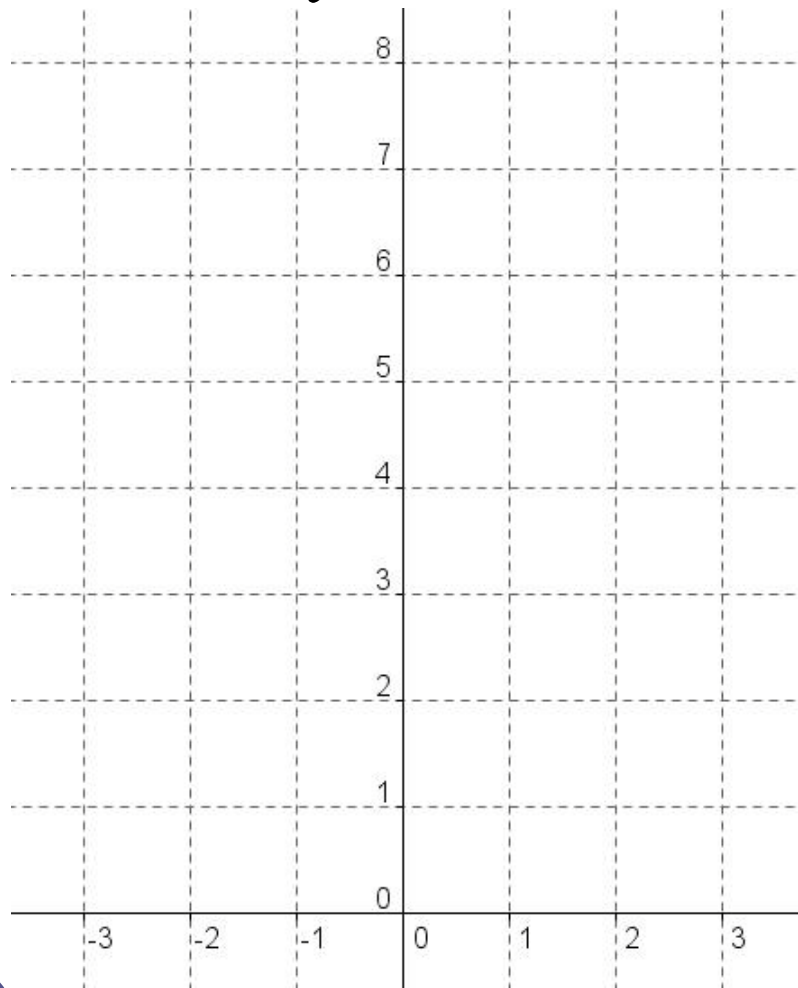
- **Graph:** $y = 2x^2 + 3$ $y = ax^2 + bx + c$





More Complex (what does **b** do?)

- **Graph:** $y = x^2 + 3x$ $y = ax^2 + bx + c$





Math 2 – Daily Summary

- **Announcements**

- **TEST: Chapter 12 (Similarity) on Thursday**
- It is your responsibility to make-up a missed quiz/test.

- **Class Objectives – What you should learn today?**

- Performing Indirect Measurement with Similar Triangles

- **Assignment**

- **Lesson 12.4: 1-12**

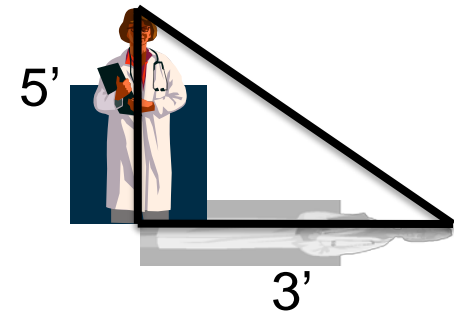
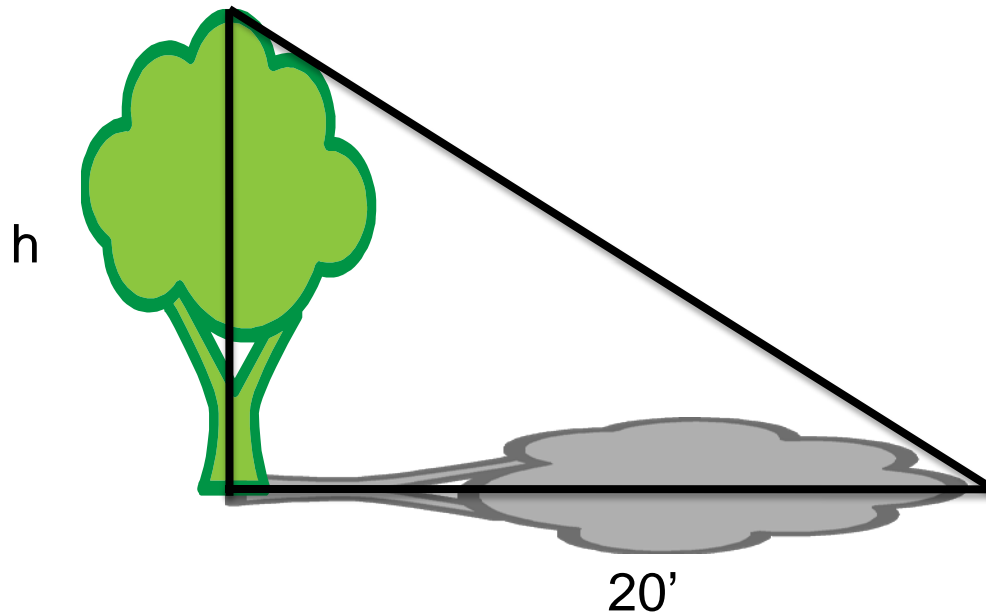


Indirect Measurement

- Use Similar Triangles to calculate the measure (height...) of things you cannot measure directly.



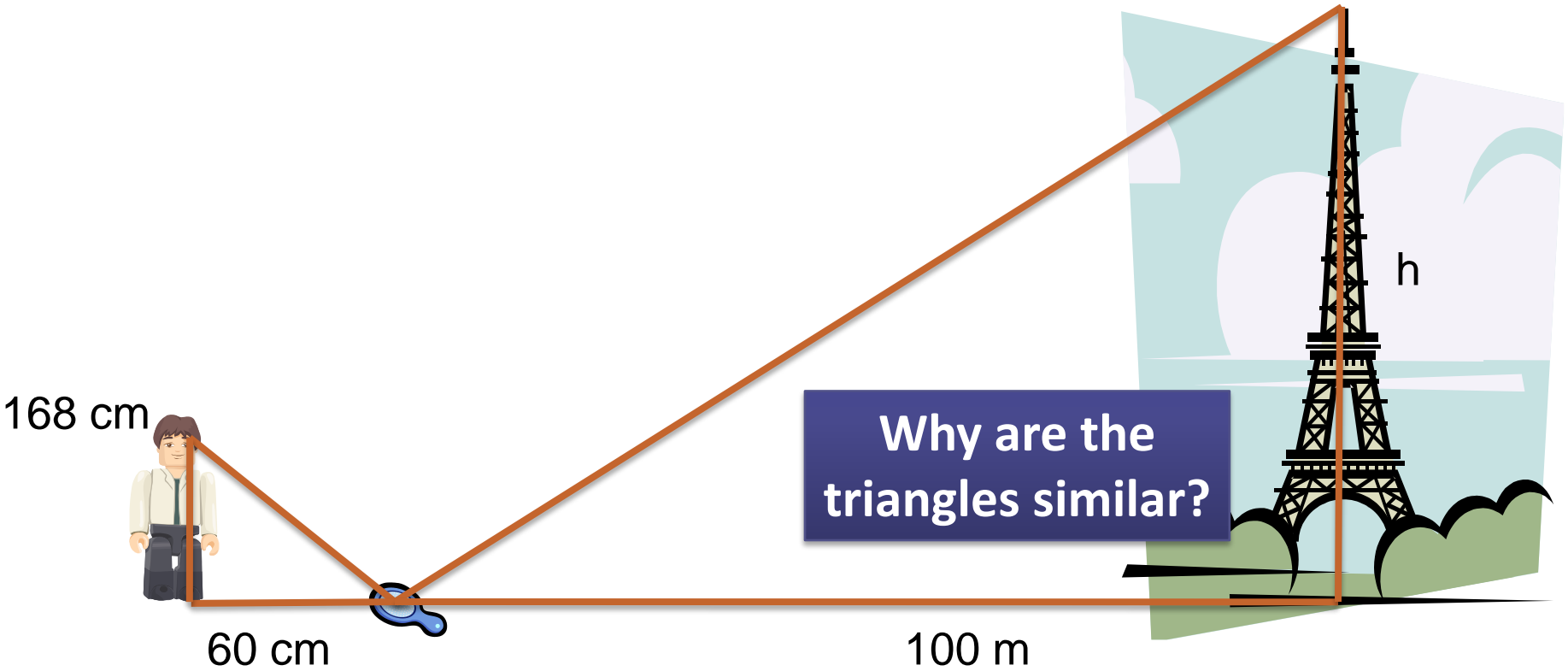
“Shadows”





Indirect Measurement

- Use Similar Triangles to calculate the measure (height...) of things you cannot measure directly.





Applied Math – Daily Summary

- **Announcements**

- None

- **Class Objectives – What you should learn today!**

- QUIZ: Creating Charts/Graphs using MS Excel
 - Go to Math Homepage to access the test.

- **Assignment**

- No HW