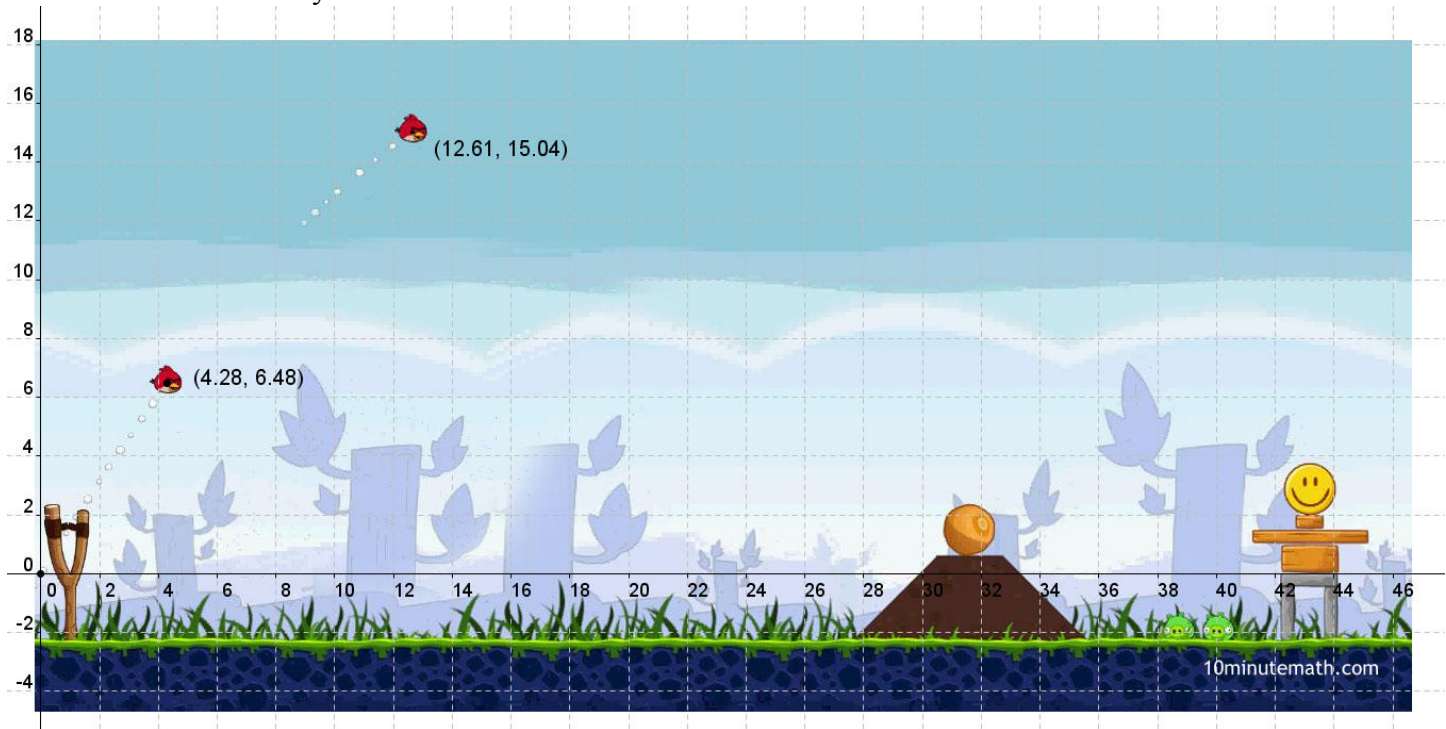


Angry Birds - Problem 1

Name _____
Date _____ Per. _____

1. Predict: Where do you think the bird will hit?



2. Find the equation of the graph describing the bird's flight in standard form, $y = ax^2 + bx + c$.
Hint: Notice the y-intercept. How does this fit in the equation?

3. Plot a few more points on the graph. Where will the bird hit?

4. Factor your equation into the form $y = ax(x - r)$. What does this tell you?