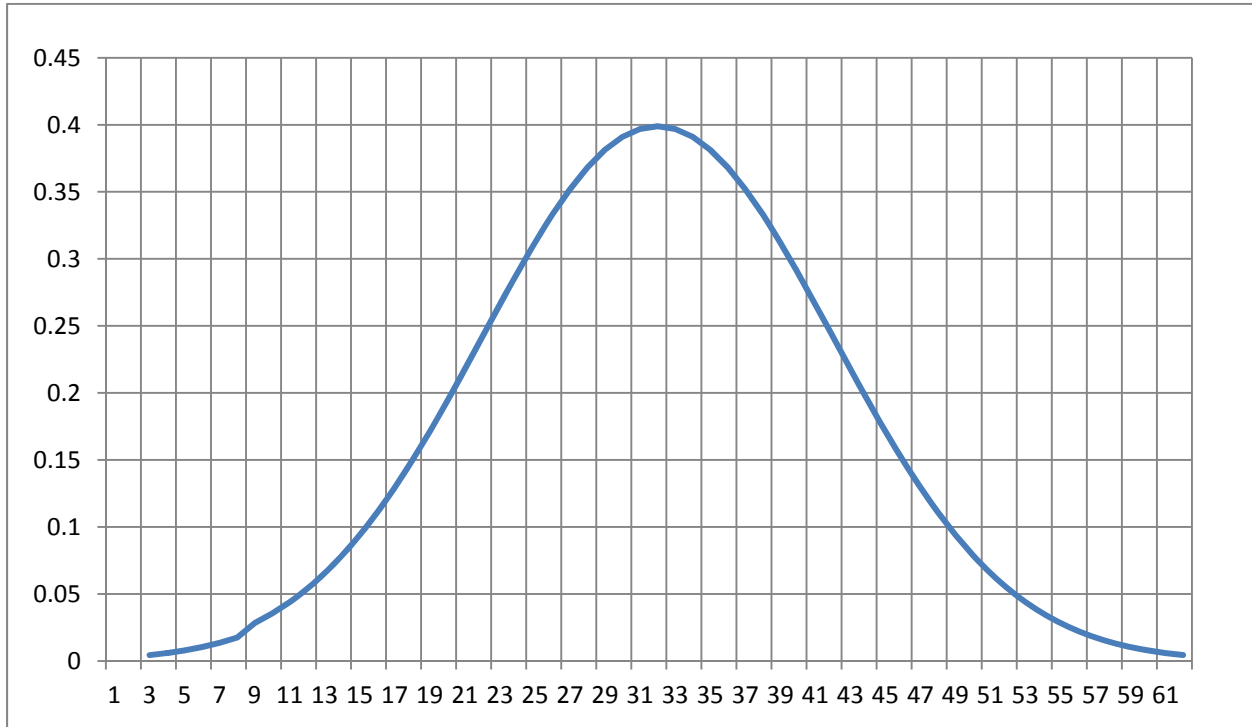# Exploring the World of Math

Name: _____   Date: _____

Normalization Data Quiz

1. What is the mean for this normal data curve?
   a. 0.4   b. 63   c. 32   d. 1

2. What is the familiar name of a normalization curve? _____

3. What is the name of the point on the curve where the standard deviation occurs? _____

4. Indicate point P on the curve.

5. What is the standard deviation for this normal data curve?
   a. 32   b. 12   c. 2   d. 0.2

6. What is the measurement for Q1?
   a. 40.1   b. 0.28   c. 20   d. 23.9

7. What is the measurement for Q4?
   a. 40.1   b. 0.28   c. 20   d. 23.9

8. How much data is between the standard deviation on both sides of the mean?_____

9. How much data is between twice the standard deviation on both sides of the mean?_____

10. How much data is between 3 times the standard deviation on both sides of the mean?_____