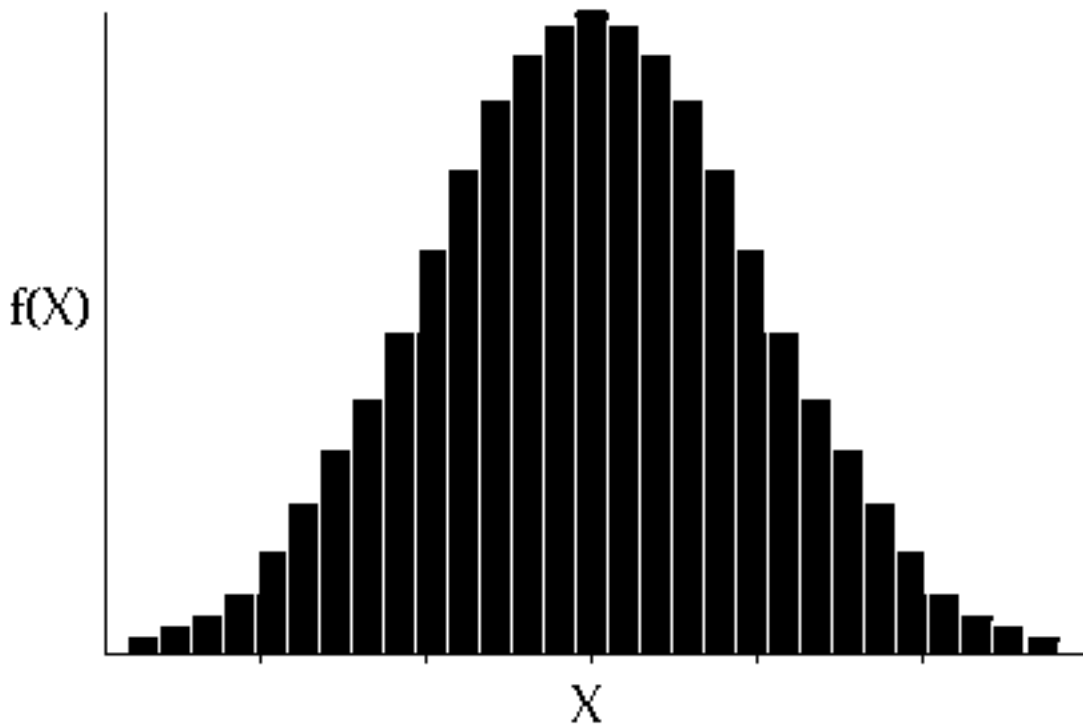


Name: \_\_\_\_\_

### GFE: Trash Can Distribution of Poker Chips

Imagine we have 5,000 poker chips with integers written on them to form the normal distribution,  $N(28,5)$ . Now imagine those 5,000 poker chips are dumped in a big plastic barrel and stirred very very well.



Using the Unit Normal table, answer the following questions:

1. What proportion of poker chips would have numbers between 18 and 28 written on them? How many poker chips would that be?
2. What proportion of poker chips would have numbers larger than 33 written on them?

*Modified 5/2/05*