EDUCATION Below are ACT scores for a recent year.

Mean ACT Scores by State									
20.2	21.3	21.5	20.4	21.6	20.3	22.5	21.5	17.8	20.5
20.0	21.7	21.3	20.2	21.6	22.0	21.6	20.3	19.8	22.6
20.8	22.4	21.4	22.2	18.8	21.5	21.7	21.7	21.2	22.5
21.2	20.1	22.3	20.3	21.2	21.4	20.6	22.5	21.8	21.9

1. Create the bell curve for the data above.

2. Is there an outlier? Prove your answer.

3. Make a box plot.

4. Determine the score for the lower 65%.

5. Recalculate the bell curve with out the outlier.

6. Remove the decimal part of the scores and recalculate the mean and standard deviation.