Your Words II	Z-Scores are the Scores	Normal Questions	Mixed Bag
			MIXEU Dag
100	100	100	100
200	200	200	200
300	300	300	300
400	400	400	400
500	500	500	500
	200 300 400	200 200 300 300 400 400	200 200 200 300 300 300 400 400 400

Jul 23-2:33 AM

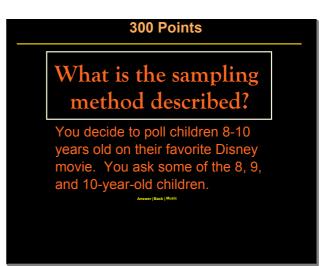
What is the sampling method described?

Wanting to determine the town's favorite color you randomly select 200 numbers from a town phone directory to call.

Category1: Q100

Fill in the Blank A data set has a mean of 20 with a standard deviation of 2. The x-value 18 is one standard deviation below the mean, and its _____ is -1.

Category1: Q200

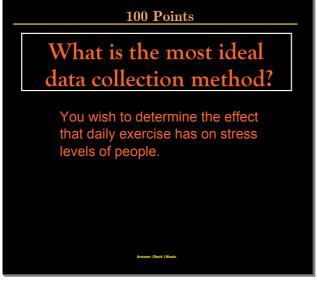


Category1: Q300

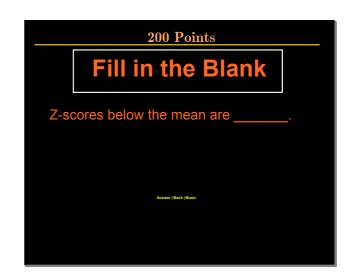
What is the sampling method described? In an effort to determine how Cranford Public Schools students feel about the amount of homework they have per night, you ask students in grades 1, 2, 4, and 9. Accord [Bock | Marie

Category1: Q400 Category1: Q500

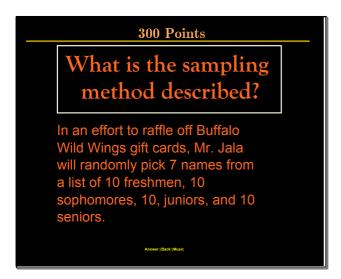
Test scores are found to be normally distributed with a mean of 88% and a standard deviation of 3.5%. Students more than two standard deviations below the mean would have a _____ of -2, and those scores would be considered _____.



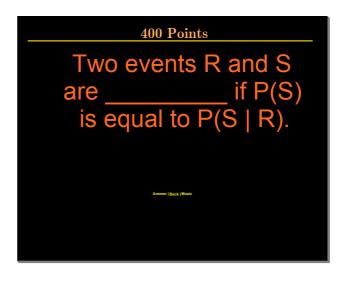
Category2: Q100



Category2: Q200



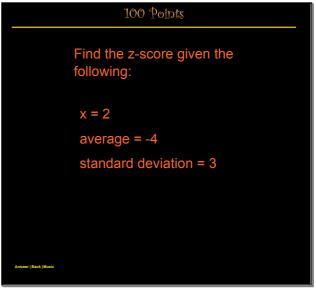
Category2: Q300



Category2: Q400

A teacher gives a test. Deciding to talk to students about their scores, he separates the tests into those who scored 90%-100%, 80%-89%, 70%-79%, and so on. He asks students with scores in the 50s, 70s, and 90s how they studied for the test.

Category2: Q500



Category3: Q100

200 Points

In a normal distribution, between which z-scores would you find 47.5% of the data? There can be more than one answer.

Category3: Q200

300 Points

Find the z-score given the following information.
Round to the nearest tenthousandth.

x = -3

average = -1

standard deviation = 3

Answer | Back | Mus

Category3: Q300

400 Points

Find the average given the following information:

z = 4

x = 5

standard deviation = .2

Answer | Back | Musi

Category3: Q400

500 Points

Given an average of 10 and a standard deviation of 2, answer the following:

- a) Would an x-value of 8 have a positive or negative z-score?
- b) At which two x-values would outlier values start?

Answer | Back | Mus

Category3: Q500

100 Points

On a normal distribution, where can one find 95% of the data?

Answer | Back | Musi

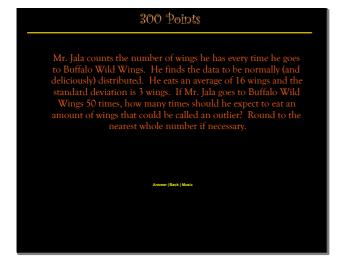
200 Points

True or False?
It is impossible to be further than three standard deviations from the mean.

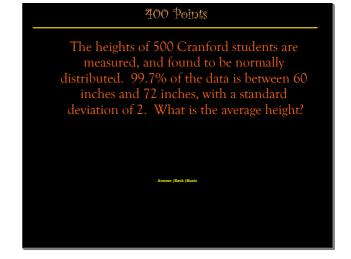
Answer | Back | Music

Category4: Q100

Category4: Q200



Category4: Q300



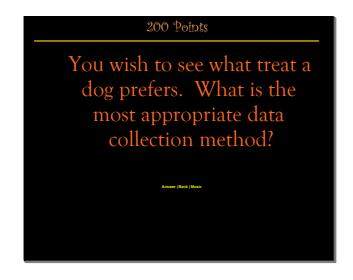
Category4: Q400

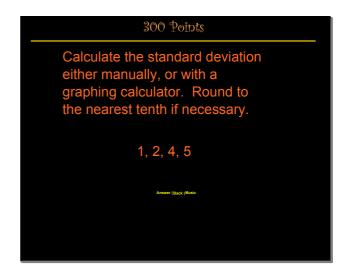


Category4: Q500

Consider two sets of test scores. If one set of scores has a smaller standard deviation than the other, what can be concluded about the scores with the smaller standard deviation? AnsweriBack | Mark

Category5: Q100

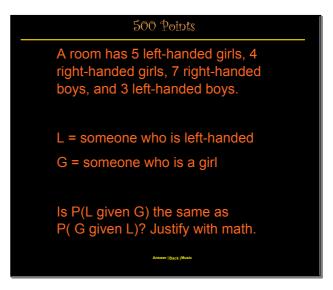




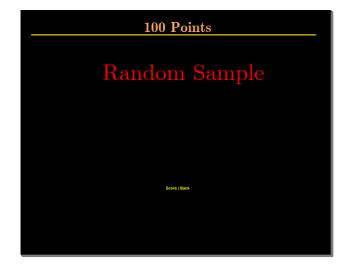
Category5: Q200 Category5: Q300



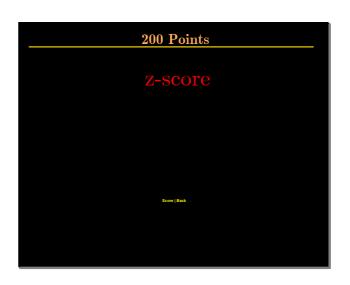
Category5: Q400



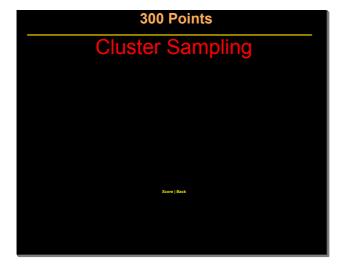
Category5: Q500



Category1: A100



Category1: A200

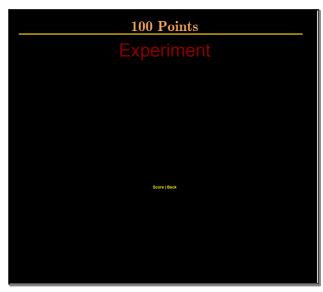


Category1: A300 Category1: A400





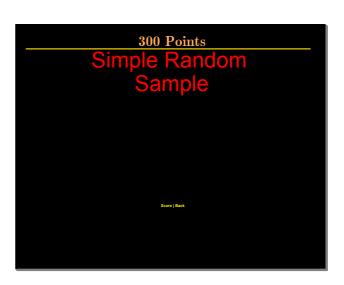
Category1: A500



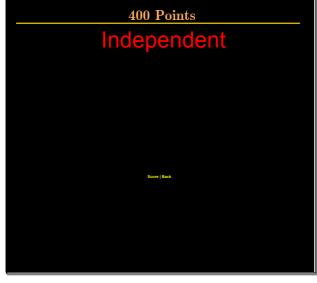
Category2: A100



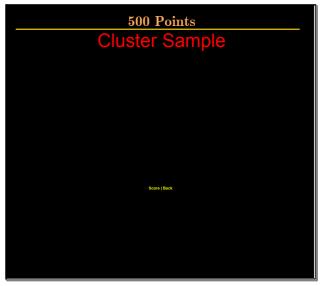
Category2: A200



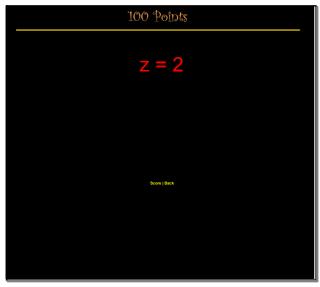
Category2: A300



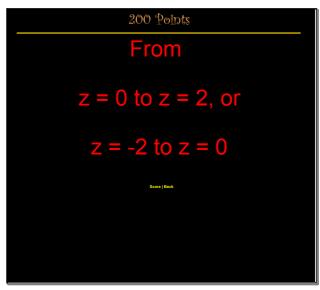
Category2: A400



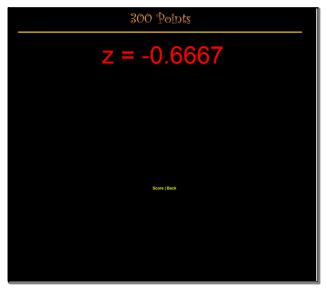
Category2: A500



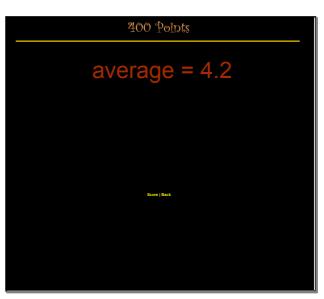
Category3: A100



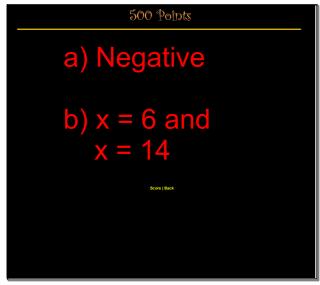
Category3: A200



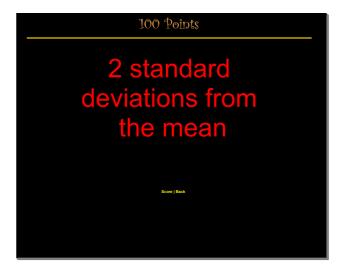
Category3: A300



Category3: A400



Category3: A500



Category4: A100



Category4: A200



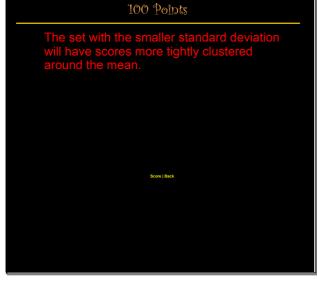
Category4: A300



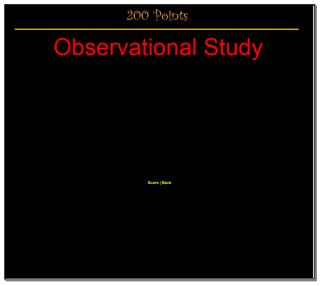
Category4: A400



Category4: A500



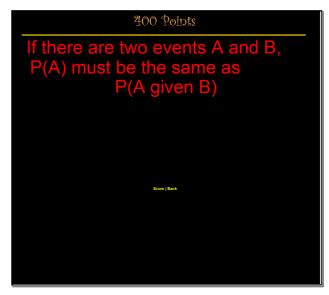
Category5: A100



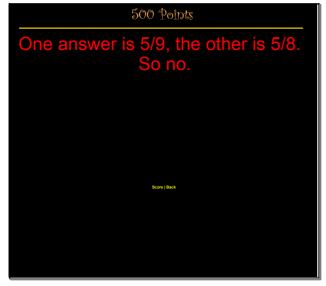
Category5: A200



Category5: A300



Category5: A400



Category5: A500



Scoring Page



Daily Double (wager)



Daily Double (question)



Daily Double (answer)

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