

Accuracy







QUESTION:

Rank the images from best to worst accuracy. A) a > b > c B) b > c > a C) c > a > b D) c > b > a

Accuracy







Answer:

Rank the images from best to worst accuracy. A) a > b > c B) b > c > a C) c > a > b D) c > b > a

QUESTION

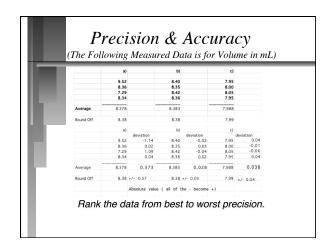
Two Chem 120 students are each drinking a can of cranberry juice after class. The printed label indicates that the respective volume of both containers is 375 milliliters. Euna remarks that the Federal Trade Commision (FTC) requires bottlers to be very precise. Mike correctly responded:

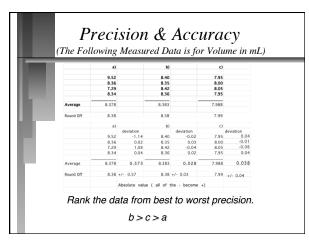
- A. If precision were the only requirement, bottlers could claim any volume as long as it was always very nearly the same volume
- B. Since precision is a requirement, bottlers have to get exactly 375 mL in every can.
- C. Bottlers must have a precise average of all of the containers in a case of soft drinks equal to $375\ mL$.
- D. If there were a difference of no more than +/- 1 mL between containers, the bottlers can sell their beverage.

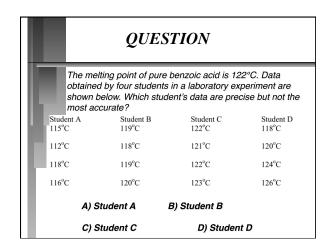
Answer

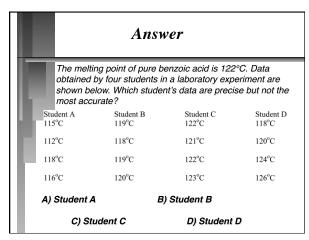
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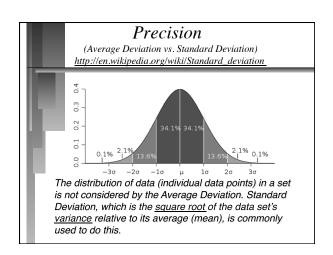
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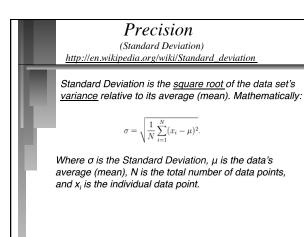


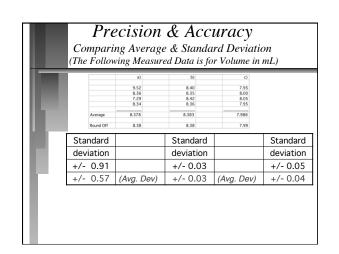












| | Rank the re a), b) and c | lative precis | | hree sets o | f data: |
|---|-----------------------------|---------------|-----------|-----------------------|-----------|
| | | | | | |
| | Average | | Average | | Average |
| | a) | | b) | | c) |
| _ | 8.38 | | 8.38 | | 7.99 |
| | | | | | |
| | Standard | | Standard | | Standard |
| | deviation | | deviation | | deviation |
| | a) | | b) | | c) |
| | +/- 0.91 | | +/- 0.03 | | +/- 0.05 |
| ĺ | Precision: a | | | swer: Precision: I | |

| Average | Average | Average |
|-----------|-----------|-----------|
| a) | b) | c) |
| 8.38 | 8.38 | 7.99 |
| | | |
| Standard | Standard | Standard |
| deviation | deviation | deviation |
| a) | b) | c) |
| | | |

