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## Stats / Choosing the best measure to describe data

### Choosing the best measure to describe data

Answer the questions below.

(a) The 10 members of the swim team completed the following numbers of laps at today's practice: 76, 77, 78, 80, 83, 84, 85, 86, 87, 91. Which measure should be used to summarize the data?
<input checked="" type="radio"/> Mean <input type="radio"/> Median <input type="radio"/> Mode
(b) Linda has recorded her golf score for each round she's played this year. Which measure gives the score she shot the most often?
<input type="radio"/> Mean <input type="radio"/> Median <input checked="" type="radio"/> Mode
(c) The 9 members of the dance team each bought new shoes. Here are the prices they paid: \$51, \$54, \$55, \$56, \$57, \$60, \$63, \$65, \$97. Which measure should be used to summarize the data?
<input type="radio"/> Mean <input checked="" type="radio"/> Median <input type="radio"/> Mode

Outlier

If there is an outlier, use median b/c the mean will be skewed by that outlier

Answer the questions below.

(a) Each member of the football team was asked to report the year he was born. Which measure gives the most common year of birth?
<input type="radio"/> Mean <input type="radio"/> Median <input checked="" type="radio"/> Mode
(b) In a survey, 9 people reported how many soft drinks they drank in the last month. Here are their responses: 28, 30, 33, 34, 35, 36, 37, 39, 88. Which measure should be used to summarize the data?
<input type="radio"/> Mean <input checked="" type="radio"/> Median <input type="radio"/> Mode
(c) The 10 members of the dance team each bought new shoes. Here are the prices they paid: \$53, \$54, \$56, \$57, \$58, \$60, \$61, \$62, \$64, \$65. Which measure should be used to summarize the data?
<input checked="" type="radio"/> Mean <input type="radio"/> Median <input type="radio"/> Mode

outlier - any # far from the others

No outliers

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