

Physical Science Assessment Probes

# Lemonade

A glass of unsweetened lemonade weighs 255 grams. A spoonful of sugar is weighed before stirring it into the lemonade. The sugar weighs 25 grams. Predict how much you think the sweetened lemonade will weigh after you stir in the sugar.

Please circle the best answer.

- A** It will weigh slightly less than 255 grams but more than 230 grams.
- B** It will weigh slightly more than 255 grams but less than 280 grams.
- C** It will weigh 230 grams.
- D** It will weigh 280 grams.
- E** It will weigh the same: 255 grams.



Describe your thinking. Provide an explanation for your answer.

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