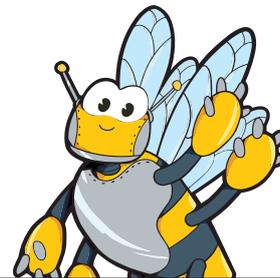




# Testing Predictions and Collecting Data (Thinking Deeper)



## Directions:

Use numbers, data, and words.

### 1 Analyze the Data

1 Which power level gave the **most reliable** result?

- A. 0.25      B. 0.5      C. 0.75      D. 1.0

2 Explain why.

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### 2 Explain Variation

1 Why might the **0.25 power** results change more than the **1.0 power** results?  
Write one or two sentences.

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### 3 Predict Again

**1** If Mr. Bee tested **0.5 power one more time**, would you expect the result to be:

- A. exactly the same
- B. close but not exact

**2** Explain your thinking.

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### 4 Reflection

**1** What did comparing predictions and results help you understand? **Write one sentence.**

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