

# Percent Error | Word Problems

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Round your answer to the nearest tenth.

- 1) Belinda wanted to design the curtain in her living room with pastel colors. She measured the length of the window as 47 inches. If the actual measurement was 49 inches, what is Belinda's percent error?

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- 2) The library in Chalfont hosted a Bedtime Story Time event for kids. Ms. Stevenson, the librarian, made a mistake while counting the number of kids. She said there were 125 students, but the actual number was 130. What is the percent error?

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- 3) Kelly estimates the weight of the package to be 56 pounds. But the actual weight of the package is 40 pounds. Find the percent error.

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- 4) Vivien thought she could complete five laps in 15 minutes. But she could complete the trips only in 17 minutes. What was Vivien's percent error?

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- 5) Timothy bought a black coat for winter. He was under the impression that he purchased the coat for \$145, whereas the marked price was \$124. What was the percent error?

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