

## Percent Error | Word Problems

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Round your answer to the nearest tenth.

- 1) Millie was training her racehorse. She thought the horse could gallop 30 miles per hour, but it was more agile and could run 23 miles per hour. Find Millie's percent error.

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- 2) Henry is training for the championship. He calculates to see whether he can cover 3 laps in 6 minutes. But he completes the trips in 4 minutes. What is Henry's percent error?

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- 3) Patricia was on her way to a friend's wedding. She thought that the distance between her home and the venue of the wedding was 52 miles. Upon checking it on an online app, she found the distance was 69 miles. Find the percent error.

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- 4) Mr. Frederikson works as a curator at an art gallery. He is planning to display 530 exhibits at an event. He makes a mistake while counting the exhibits and finds that the actual count is 489. What is the percent error?

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- 5) Ned estimates the weight of the container to be 185 pounds. But the actual weight of the container is 195 pounds. Find the percent error.

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