

Percent Error Word Problems

Round your answer to the nearest tenth.

- 1) Coach Wright predicted his team would score 55 points in a game. The team, however, exceeded the coach's expectations and went on to score 64 points. What is the percent error in the coach's prediction?

- 2) Selena chooses a box for the office desk. She is under the impression that the box is 18 inches deep. But in reality, it is only 12 inches deep. What is the percent error in Selena's estimate.

- 3) A trader estimated that the stock price would rise by the end of the week. Fortune was 15% higher than expected. What was the percent error in the trader's estimate?

- 4) Miranda, a hairdresser, estimated that a haircut would cost \$20. Exceedingly pleased, she charged her client \$32. Calculate the percent error in Miranda's estimate.

- 5) Mary is creating Christmas decorations using ribbons. She estimates the decorations will need 8 yards of ribbon, but she needed only 5 yards. Find the percent error in Mary's estimate.

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com