

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 that perfectly fits into a cubbyhole in the office desk. She is under the impression that the cubbyhole is 15 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 market would rise by 10% by the end of the week. Fortune was made when the market actually rose by 15%. What was the percent error in the trader's estimate?

- 4) Miranda, a hairdresser, estimated that she would need 20 yards of ribbon for her decorations. Exceedingly pleased, she ordered 32 yards. 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