

Percent Error Word Problems

Round your answer to the nearest tenth.

- 1) As part of a probability experiment, Matt flipped a coin 50 times. He predicted the coin would come up tails 25 times, but it did so only 21 times. What is the percent error in Matt's prediction?

- 2) Julie is preparing lemonade. She estimates she needs 2 gallons of the beverage, but she actually needs 4 gallons. What is the percent error in her estimate?

- 3) A dance school announced that 10 dance aspirants would sign up. To the school's surprise, 23 people enrolled for the class, what is the percent error in the school's estimate?

- 4) Robert cycled for 5 hours, but it was actually 7 hours. What is the percent error in Robert's estimate?

- 5) Adam is working on a science project. He guessed the project would take another 7 days to complete, but it actually took 8 days. What is the percent error in Adam'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

