

## Lesson 13: Measurement Error

### Cool Down: Off by a Little Bit?

Clare estimates that her brother is 4 feet tall. When they get measured at the doctor's office, her brother's height is 4 feet, 2 inches.

1. Should Clare's or the doctor's measurement be considered the actual height? Explain your reasoning.
2. What was the error, expressed in inches?
3. What was the error, expressed as a percentage of the actual height?