

Percent word problems — Percent error

Name: _____

Date: _____



Work out the percent error of each measurement.

- 1 The true value is 420, but it was measured as 441.

What is the percent error? ____

- 2 The true value is 75, but it was measured as 78.

What is the percent error? ____

- 3 The true value is 90, but it was measured as 72.

What is the percent error? ____

- 4 The true value is 400, but it was measured as 432.

What is the percent error? ____

- 5 The true value is 500, but it was measured as 480.

What is the percent error? ____



Percent word problems · Percent error — Answer key



1. The true value is 420, but it was measured as 441. What is the percent error? → 5%

2. The true value is 75, but it was measured as 78. What is the percent error? → 4%

3. The true value is 90, but it was measured as 72. What is the percent error? → 20%

4. The true value is 400, but it was measured as 432. What is the percent error? → 8%

5. The true value is 500, but it was measured as 480. What is the percent error? → 4%