



Name _____

Error Search

Directions: Complete each equation or table by finding the missing error or percent error. Round percent errors to the nearest tenth of a percent.

$$\text{Percent Error} = \frac{\text{Error}}{\text{Actual Value}} \times 100\%$$

1. Actual Value: 40 cm
Measured Value: 38 cm

Error = _____

Percent Error = $2 \div 40 \times 100 =$ _____

2. Actual Value: 60 g
Measured Value: 63 g

Error = _____

Percent Error = _____

3.

Actual	Measured	Error	Percent Error
80 m	76 m	_____	5.0%

4.

Actual	Measured	Error	Percent Error
150 cm	147 cm	3 cm	_____

5. Actual Value: 25 L
Measured Value: 24 L

Error = _____

Percent Error = _____

6.

Actual	Measured	Error	Percent Error
200 mL	194 mL	_____	_____

7. Actual Value: 18.5 cm
Measured Value: 17.8 cm

Error = _____

Percent Error = _____

8.

Actual	Measured	Error	Percent Error
96 g	92 g	_____	_____

9. Actual Value: 72 kg
Measured Value: 69 kg

Error = _____

Percent Error = _____

10.

Actual	Measured	Error	Percent Error
50°C	48°C	2°C	_____