

## Change Expressed as a Percent

Directions: Solve each problem. Use your answer to navigate through the maze. Show your work.

**START**  
If the percent change is positive, there is a: **Percent increase**

14% of 230 → **32.2**

Original: 40  
New Amount: 75  
The percent change: **87.5%**

If the percent change is negative, there is a: **Percent decrease**

Percent decrease: 12.3  
35.1  
-0.875  
-87.5%

The percent error is always: **2.2%**

What percent of 500 is 11? → **0.48**

0.12% of 400 → **Percent Decrease**

Percent Error: 25%

**Positive** → 0.22% → 22% → 48 → 2.5% → **Percent increase**

Original: 26  
New Amount: 18  
The percent change: **0.4**

0.2% of 200 → **1.5%**

What percent of 45 is 11.5? → **Percent Increase**

Percent Change: -65%

0.31 → -31% → -0.33 → -0.17 → **17%** → 55% → **Percent Decrease**

Original: 26  
New Amount: 18  
The percent change: **0.4**

Original: 45  
New Amount: 60  
The percent change: **3.3**

Original: \$35  
New Price: \$29  
The percent change: **33%**

Percent Change: -17%

**Good Job!**  
**The End**