



Assumption College Ubonratchathani
English for Math 3

Name _____ Class _____ No _____

Calculating Percentage Change

Formula: $\text{Percent Change} = \frac{\text{New Value} - \text{Old Value}}{\text{Old Value}} \times 100$

Example: The cost of socks increased from \$5 to \$6. Find the percentage change.

Solution: $\text{Percent Change} = \frac{\text{New Value} - \text{Old Value}}{\text{Old Value}} \times 100$

$$\text{Percent Change} = \frac{\$6 - \$5}{\$5} \times 100 = \frac{\$1}{\$5} \times 100 = 20\%$$

Instruction: *Find the percentage change.*

0. Old Value = 100
New Value = 105

% Change =

5%

1. Old Value = 74 ft
New Value = 75 ft

% Change =

2. Old Value = \$75
New Value = \$90

% Change =

3. Old Value = 40 cm
New Value = 60 cm

% Change =

4. Old Value = 20 eggs
New Value = 5 eggs

% Change =

5. Old Value = 60 kg
New Value = 45 kg

% Change =