Assumption College Ubonratchathani
English for Math 3

Name _____ Class_____ No_____

Calculating Percentage Change

Formula: **Percent Change = $\frac{\text{New Value – Old Value}}{\text{Old Value}}$ x 100**

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

Solution: Percent Change = $\frac{\text{New Value – Old Value}}{\text{Old Value}}$ x 100

Percent Change = $\frac{\$6 - \$5}{\$5}$ x 100 = $\frac{\$1}{\$5}$ x 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 = _____

LIVEWORKSHEETS