

Q2 - Homework 5 - Worksheet 3-7

Date _____ Period _____

Find each percent change. From (original) to (new). Round to the nearest whole percent. State if it is an increase or a decrease. ALL WORK ON LOOSELEAF!

- | | |
|-------------------|--------------------|
| 1) From 18 to 67 | 2) From 7 to 4 |
| 3) From 69 to 21 | 4) From 22 to 69 |
| 5) From 95 to 26 | 6) From 28 to 18 |
| 7) From 36 to 53 | 8) From 46 to 29 |
| 9) From 56 to 98 | 10) From 64 to 97 |
| 11) From 60 to 39 | 12) From 66 to 5 |
| 13) From 44 to 69 | 14) From 33 to 49 |
| 15) From 76 to 63 | 16) From 100 to 76 |
| 17) From 80 to 90 | 18) From 15 to 5 |
| 19) From 24 to 93 | 20) From 80 to 67 |

EX From 6 to 9

% ↑

$$\begin{array}{r} 9 \\ -6 \\ \hline 3 \end{array} \Rightarrow \frac{\text{change}}{\text{original}} \cdot 100 = \frac{3}{6} \cdot 100$$

$$3 = \text{change} \quad = \frac{1}{2} \cdot 100 = \boxed{50\% \uparrow}$$