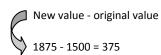
## Percent Change (7NS 1.6):

Percent Increase

## Shane's rent has increased from \$1500 to \$1875. What is the percent of increase?

Find the *difference* between the original and new values:



Difference = \$375

Divide the difference you calculated in step 1 by the original value.

$$\frac{375}{1500} \Longrightarrow 0.25$$

Convert the decimal in **step 1** into a percent by moving the decimal place to the *right* two places and adding a percentage sign.



1) Convert the 0.25 into percentage form.

- A. 0.25%
- B. 2.5%
- C. 25%
- D. 250%

4) Convert the 0.99 into percentage form.

- A. 100%
- B. 99%
- C. 9.9%
- D. 0.99%

2) Convert the 0.6 into percentage form.

- A. 6%
- B. 60%
- C. 66%
- D. 600%

5) Convert the 1.370 into percentage form.

- A. 137%
- B. 13.7%
- C. 1.37%
- D. .0137%

3) Convert the 0.375 into percentage form.

- A. 37.5%
- B. 3.75%
- C. 375%
- D. 0.375%

6) A restaurant increases the cost of a hamburger from \$6.00 to \$9.00. What is the difference in cost?

- A. \$15.00
- B. \$9.00
- C. \$6.00
- D. \$3.00

## Percent Change (7NS 1.6):

Percent Increase

- 7) A plumbing company increases the cost of its hourly services form \$231.56 to \$239.41. What is the difference in cost?
- A. \$8.15
- B. \$7.95
- C. \$7.85
- D. \$6.85
- 8) Jann's wages increase from \$15.21 per hour to \$21.45 per hour. What is the difference in wages?
- A. \$6.24
- B. \$5.24
- C. \$5.76
- D. \$6.76
- 9) A computer store increases the cost of a laptop from \$1000 to \$1200. What is the percent price increase?
- A. 20%
- B. 25%
- C. 87%
- D. 88%
- 10) A shoe store increases the cost of its bestselling sneaker from \$200 to \$220. What is the percent price increase?
- A. 9%
- B. 10%
- C. 20%
- D. 200%

- 11) Scott's rent increases from \$520 per month to \$660 per month. What is the percent price increase?
- A. 20%
- B. 27%
- C. 21%
- D. 79%
- 12) A movie ticket to the second-run theatre increases from \$0.50 on weekdays to \$1.75 on weekends. What is the percent price increase?
- A. 20%
- B. 25%
- C. 71%
- D. 250%
- 13) The price of a set of silverware is increased from \$57 to \$72. What is the approximate percent price increase?
- A. 2.6%
- B. 15%
- C. 26%
- D. 1%
- 14) A furniture store increases the cost of a \$100 table by x %. If the new cost of the table is \$107, what is x?
- A. 7
- B. 6.5
- C. 6
- D. 5