Answer Key

Math Worksheet (3)

Percentage increase and decrease

Objectives: to review how to calculate percentage increase and decrease.

Question 1: write whether the statements imply a percentage **increase** or **decrease**. Use the words "increase" or "decrease".

   a) A sale of 15% on shoes. (decrease)

   b) A 6% raise on fuel prices. (Increase)

   c) An annual depreciation of a car's value is 5%. (decrease)

   d) A total bill including 16% tax. (Increase)

   e) A laptop is marked-up up by 25%. (Increase)

   f) A 4% drop in women population. (decrease)

Question 2: Calculate the new prices of the questions below:

   a) A new laptop has been marked up since last year by 25%. If the price last year was $770, what is the cost of it this year?

   ANSWER: $ 962.50

   b) There is a 12% sale on lipstick. If the original price is $9.50, what is the price after sale?

   ANSWER: $ 8.36

   c) My sports cards collection cost me $342. Now it is worth 4% more. How much is it worth now?

   ANSWER: $ 355.68