**Percentage Change**

1. Find the cost price:

Selling price of an article = $96

Profit percentage = 40%

1. A salesman buys a stove from a manufacturer. The salesman sells the stove for $1,825.00 at a profit of 25%. How many dollars did the salesman pay the manufacturer for the stove?
2. A shopkeeper buys a television from a manufacturer. The shopkeeper sells the television for $2,700.00 at a profit of 20%. What amount of money did the shopkeeper pay the manufacturer for the stove?
3. A merchant sold a pen for $6.90, thereby making a profit of 15% on the cost to her.

Calculate:

1. The cost price of the pen to the merchant to the nearest cent.
2. The selling price the merchant should request in order to make a 25% profit instead.
3. A salesman bought a computer from a manufacturer. The salesman then sold the computer for $15,600 making a profit of 25%. What amount did the salesman pay the manufacturer for the computer?
4. A businesswoman sold a gas cooker for $1,209.60 making a profit of 12% on the cost price. Calculate the cost price of the gas cooker.
5. An entrepreneur sold a damaged bed sheet for $130.50 thereby making a loss of 13% on the cost price. Determine the cost price of the bed sheet.
6. There are 150 shops at a mall, 56% of which sell toys. How many shops do not sell toys?
7. A girl’s mass increased by 12% between her tenth and fourteenth birthdays. If her mass was 45 kg on her tenth birthday, what was her mass on her fourteenth birthday?
8. Miss Reyes earns $3,500 per month from which income tax is deducted at 30%. Calculate her net pay.
9. A boy’s mass increased by 12% between his tenth and eleventh birthdays. If his mass was 52 kg on his tenth birthday, what amount was his mass on his eleventh birthday?
10. Mr. Carter was 125 kg when he decided to go on a diet. He lost 12% of his mass in the first month and a further 8% of his original mass in the second month. What amount was his mass after the two months of dieting?