

Worksheet 3 |

Lower Secondary
Stage (6-8)

1st Semester | 2023-2024

Subject: Math

Chapter: 2

Objectives:

- To revise percentage change and reverse percentage problems



Q1: Benita's weekly pay was increased from £450 to £468
Work out the percentage increase in Benita's weekly pay.

Q2: Paulo invested \$7500 at an interest rate of 5.4% per year.
Work out the total amount in his account after one year.

Q3: Salim invested an amount of money at 6% interest.
After one year, interest was added to his account.
The amount in his account was then £901
Work out the amount of money Salim invested.

- Q4:** In a sale, normal prices are reduced by 12%.
- a)** The normal price of a case is £45
Work out the sale price of the case.
 - b)** The price of a computer is reduced by £69
Work out the normal price of the computer.

- Q5:** Of the number of people a company employs, 64% are men.
The company employs 112 men.
Work out the number of people the company employs.

- Q6:** A flight normally costs £650
It is reduced by 18%.
How much will the flight now cost?

- Q7:** Magda got 54 out of 75 in a science test.
a) Work out 54 out of 75 as a percentage.
Dwayne got 45% of the total marks in a history test.
Dwayne got 63 marks.
b) Work out the total number of marks for the history test.

- Q8:** Jack bought a computer for \$875 and later sold it for \$735
Work out his percentage loss.

- Q9:** In a sale, normal prices are reduced by 35%.
The sale price of a clock is £78
Work out the normal price of the clock.

Q10: Linton's salary is £28 000
His salary is increased by 4.5%.
Work out Linton's new salary.

Q11: Before dieting, Kate's weight was 75 kg.
After dieting, her weight was 66 kg.
Work out Kate's percentage weight loss.

Q12: David and Gwen bought a house.
After one year, its value had increased by 9% to £196 200
Work out the value of the house when they bought it.