## **Monthly Math SEA Worksheets**



Percentage is a fundamental concept in mathematics and everyday life. It refers to the proportion of a number in relation to a whole, expressed as a fraction of 100. Understanding the concept of percentage is essential for a wide range of applications, from calculating discounts and taxes to analysing data and making informed decisions.

## **Questions:**

1. Find 20% of 60.

2. Find 30% of 600

3. 60 is 14% of what number?



Name

4. 25 is 40% of what number?

5. If the price of a product increases from \$55 to \$75, what is the percentage increase?

6. What is the profit percent if a product is sold at \$80 and the product costed \$25?

7. What is the loss percent if a product is sold at \$150 and the product costed \$220?





8. You are given a discount of 25% on an item costing \$300. What is the discounted price of the item?

9. 10% of the 350 oranges in a basket were rotten. How many oranges can the seller sell?

10.If there are 250 students in a class and 40 of them are absent, what is the percentage of absent students?

Note. It is used in various fields, from finance to science, where it plays a crucial role in the analysis and interpretation of data. In essence, percentage is a way of comparing two quantities by expressing their relationship as a fraction of 100. To understand the concept of percentage, one must first grasp the idea of a whole. A whole can be any quantity or value, such as a total population, an amount of money, or a quantity of goods. A percentage represents a portion or a fraction of the whole.

11. Express 25% as a fraction in its lowest term.

12. Express 62% as a fraction in its lowest term.

13. Find "X" below

a. 
$$\frac{45}{100} = \frac{X}{500}$$



Name

- 14.If there are 250 students in a class, 82% of the students in a school bought BBQ tickets for the fundraiser. Determine:
  - A. How many students bought tickets?

B. What percentage did not buy tickets?

C. How many students did not buy tickets?