

# 54 is 75% of what number?

- A. 36
- B. 72
- C. 64
- D. 78.5

Show Answer

**Correct Answer: B (72)**

## Explanation

To solve this problem, we need to use the formula for finding the percentage of a number. The formula is:

$$\text{Percentage} = (\text{Part/Whole}) \times 100$$

We know that 54 is 75% of some numbers, so we can write:

$$54 = (75/100) \times \text{Whole}$$

To solve for the whole, we can divide both sides of the equation by 100/75

$$54 * 100 / 75 = \text{Whole}$$

$$72 = \text{Whole}$$

Therefore, 54 is 75% of 72, which is answer choice B.

## Understanding Percentages

Percentages are a way of expressing a fraction or portion of a whole as a percentage of 100. To find the percentage of a number, you can use the formula:

$$\text{Percentage} = (\text{Part/Whole}) \times 100$$



54 is 75% of what number?

For example, if you want to find 20% of 50, you can use the formula:

$$\text{Percentage} = (20/100) \times 50$$

$$\text{Percentage} = 0.2 \times 50$$

$$\text{Percentage} = 10$$

Therefore, 20% of 50 is 10.

Percentages are commonly used in a variety of fields, including finance, statistics, and science. It is important to understand how to calculate percentages and use them in real-world situations.