

■■ DISCOUNT

Easy Maths for Class 8
Learn discount through shopping!

SHOPPING DISCOUNT



T-SHIRT

Marked Price = ■1,000

20% OFF

You save ■200

Pay only ■800

Discount = money saved from the marked price.

What is a discount?

A discount is an amount taken **OFF** the marked price of an item.

- Marked Price = price written on the item
- Discount = money saved
- Selling Price = price you actually pay

1. THE EASIEST FORMULA

DISCOUNT = PART OF THE PRICE

$$\begin{aligned} &10\% \text{ of } \text{₹}500 \\ &= \text{₹}50 \end{aligned}$$

Discount means the amount taken OFF the price.

Discount = money saved from the marked price.

$$\text{Discount} = (\text{Discount \%} \times \text{Marked Price}) \div 100$$

$$\begin{aligned} \text{Example: } &10\% \text{ discount on } \text{₹}500 \\ &= (10 \times 500) \div 100 \\ &= \text{₹}50 \end{aligned}$$

2. ONE COMPLETE EXAMPLE

EASY EXAMPLE

Bag = ₹800 Discount = 25%

Step 1: 25% of ₹800 = ₹200

Step 2: ₹800 – ₹200 = ₹600

Final Price = ₹600

Discount = money saved from the marked price.

Remember:

First find the discount.

Then subtract it from the marked price.

3. THREE SIMPLE STEPS

3 SIMPLE STEPS

MARKED PRICE → DISCOUNT → SELLING PRICE

1

Find discount

$$₹1,000 \times 10/100 = ₹100$$

2

Subtract

$$₹1,000 - ₹100$$

3

Final price

$$= ₹900$$

Discount = money saved from the marked price.

Example: ₹1,000 item with 10% discount

$$10\% \text{ of } ₹1,000 = ₹100$$

$$₹1,000 - ₹100 = ₹900$$

So, you pay **₹900**.

4. YOU ARE THE SHOPKEEPER!

YOU ARE THE SHOPKEEPER

You are the shopkeeper!

Shoes: ₹2,000

Discount: 15%

Discount amount = ?

Selling price = ?

Hint:

$15\% = 15/100$

Find the discount first!

Discount = money saved from the marked price.

Try it yourself:

Shoes = ₹2,000

Discount = 15%

$15\% \text{ of } ₹2,000 = ₹300$

$\text{Selling Price} = ₹2,000 - ₹300 = ₹1,700$

5. PRACTICE — CAN YOU FIND THE PRICE?

CAN YOU FIND THE PRICE?

A school bag costs ₹1,200.
The shop gives 30% discount.

What is the discount?
What is the final price?

Answer:

30% of ₹1,200 = ₹360

₹1,200 – ₹360 = ₹840

Discount = money saved from the marked price.

Question 1: A toy costs ₹500. Discount = 20%.
Discount = ₹100 → Final price = ₹400.

Question 2: A jacket costs ₹1,500. Discount = 10%.
Discount = ₹150 → Final price = ₹1,350.

Question 3: A watch costs ₹2,000. Discount = 25%.
Discount = ₹500 → Final price = ₹1,500.

■ QUICK REVISION

1. Find the marked price.
2. Find the discount amount.
3. Subtract the discount from the marked price.

$$\text{Discount} = \text{Marked Price} \times \text{Discount\%} \div 100$$

$$\text{Selling Price} = \text{Marked Price} - \text{Discount}$$

■ **Remember:** A 20% discount does NOT mean you pay 20%. It means you **save 20%** and pay the remaining 80%.

Maths in real life: Every time you see a SALE sign, you can use mathematics to check the price!