

Reflection

SOCIAL ARITHMETIC

- 1 Purchase Price, Sales Price, Profit and Loss
- 2 Profit and Loss Percentage
- 3 Discounts and Rebates
- 4 Gross, Net, and Tare
- 5 Interest, Savings and Taxes



NAME :
CLASS :

Purchase Price, Sales Price, Profit and Loss



1. Solve Problem

Purchasing Rp50.000 per dozen, sold at a price of Rp5.000 per piece in this situation then ..

Answer :

2. Solve Problem

Purchase Rp100.000 per gross. Profit Rp200 per piece of total quantity sales are..

Answer :



KEY WORDS

- Purchase Price/Buying Price • (Harga Beli)
- Selling Price • (Harga Jual)
- Profit/Gain • (Keuntungan)
- Loss • (Rugi)

PROFIT/GAIN **Selling price > Purchase Price**

- Profit = Selling Price – Purchase Price
- Purchase Price = Selling Price – Profit
- Selling Price = Purchase Price + Profit

LOSS **Purchase Price > Selling price**

- Loss = Purchase Price - Selling Price
- Selling Price = Purchase Price – Loss
- Purchase Price = Selling Price + Loss

Profit and Loss Percentage

PROFIT/GAIN **Selling price > Purchase Price**

$$\text{Profit Percentage} = \frac{\text{Profit}}{\text{Purchase Price}} \times 100\%$$

$$\text{Purchase price} = \frac{1}{100\% + \text{profit}} \times \text{Selling price}$$

$$\text{Purchase price} = \frac{1}{100\% - \text{loss}} \times \text{Selling price}$$

LOSS **Selling Price < Purchase price**

$$\text{Loss Percentage} = \frac{\text{Loss}}{\text{Purchase Price}} \times 100\%$$

$$\text{Selling price} = (100\% - \text{loss}) \times \text{purchase price}$$

$$\text{Selling price} = (100\% + \text{Profit}) \times \text{purchase price}$$

3. Solve Problem

Mr. Dirga bought a bicycle at a price of Rp125.000. It sold again at price of Rp145.000. Determine the percentage of profit?

ANSWER :

4. Solve Problem

An item is purchased at a price of Rp30.000. The item was sold again at a price of Rp27.000. Determine the percentage of loss?

ANSWER :

5. Solve Problem

A television was purchased for Rp750.000. Determine the selling price of television if you want to get a profit of 15%?

ANSWER :

Discount AND REBATE

Discount or Rebate = percentage discount or rebate x written price

So, the money to be paid is

Price paid = First price – discount or rebate

$$\text{First Price} = \frac{\text{Pay Price}}{(100\% - \text{Discount}) : 100\%}$$

6. solve problem

20% OFF

Ando bought a shirt for Rp24.000. He got 20% discount. So, Andi must pay?



DISCOUNT
20% OFF

7. Solve Problem

25% OFF

Reza bought a novel at a book fair. If Reza gets a discount of 25% and the money paid is Rp36.000, then the price of the book before being given a discount is..



DISCOUNT
25% OFF

8. Solve Problem

Fira bought a shirt for Rp75.000 and trousers for Rp110.000. If he gets a discount of 20% for shirts and 25% for trousers, then the total money that Fira has to pay is...





Gross, Net, and Tare



9. Solve Problem

If gross weight is 1.200 gr and tare 2,5% of gross, then the net weight is..

ANSWER :

10. Solve Problem

If the gross weight is 2.000 kg and the net weights it 1.750 kg, then tare weight is..

ANSWER :

11. Solve Problem

The selling price of one bag of rice is Rp585.000. On the bag is written gross 60 kg , and tare 2,5% then, the selling price of 1 kg of rice is..

ANSWER :



You can call me
"NETTO"

+



You can call me
"TARE"

=



You can call me
"GROSS"

INTEREST, SAVINGS AND

Taxes

12. Solve Problem

A bank provides savings interest of 15% per year. Mother saved Rp500.000 for months. The amount of interest obtained by Mom is...

ANSWER :

13. Solve Problem

Mr. Ali has saved Rp150.000. After a year Mr.Ali's savings have become Rp200.000. The interest that Pak Ali received was..

ANSWER :

14. Solve Problem

Dika saves Rp1.000.000 at a 15% interest a year. The amount of Dika's money after 4 months is...

ANSWER :

