

# *The City School*

North Nazimabad Boys Campus  
Mathematics Class 8 (Topic: Percentages)  
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1. The marked price of a water cooler is \$ 4650. The shopkeeper offers an off-season discount of 18% on it. Find its selling price.
2. The price of a sweater was slashed from \$ 960 to \$ 816 by a shopkeeper in the winter season. Find the rate of discount given by him.
3. Find the rate of discount being given on a shirt whose selling price is \$ 546 after deducting a discount of \$ 104 on its marked price.

**Hint.**  $MP = (SP) + (\text{discount})$ .

4. After allowing a discount of 8% on a toy, it is sold for \$ 216.20. Find the marked price of the toy.

Q2: Choose the best answer:

1. How much time will it take for an amount of Rs. 900 to yield Rs. 81 as interest at 4.5% per annum of simple interest?

A. 2 years  
B. 3 years  
C. 1 year  
D. 4 years

2. Arun took a loan of Rs. 1400 with simple interest for as many years as the rate of interest. If he paid Rs.686 as interest at the end of the loan period, what was the rate of interest?

A. 8%  
B. 6%  
C. 4%  
D. 7%

3. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is :

A. Rs. 700  
B. Rs. 690  
C. Rs. 650  
D. Rs. 698

4. A sum fetched a total simple interest of Rs. 929.20 at the rate of 8 per annum. In 5 years. What is the sum?

A. Rs. 2323  
B. Rs. 1223  
C. Rs. 2563  
D. Rs. 2353

5. Mr. Thomas invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be Rs. 3508, what was the amount invested in Scheme B?

A. Rs. 6400

C. Rs. 6500

B. Rs. 7200

D. Rs. 7500