Sales tax word problems

1. The printed price of a DVD player is $ 7500. If a sales tax of 8% is realised from the buyer, find the price at which the DVD player is sold?

2. If the rate of sale tax increases by 55, the selling price of an article goes up by $ 40. Find the marked price of the article.

3. The selling price of an article becomes 27/25 times the listed price due to the inclusion of sales tax. Find the rate of sales tax.

4. The selling price of 12 eggs is equal to the cost price of 15 eggs. Find the gain per cent.

5. If the rate of sales tax reduces by 4%, the selling price of an article comes down by $ 100. Find the marked price of the article.

6. The catalogue price of a TV is $ 24000. A shopkeeper gives a discount of 8% on the listed price. He gives a further off-season discount of 5% on the balance. But sales tax at 10% is charged on the remaining amount. Find:

(i) the sales tax amount a customer has to pay, and

(ii) the final price the customer has to pay for the TV.