

Doon Public School

A Senior Secondary School
Sector- 21, Panchkula. Ph: 0172- 2590514

Assignment – 4

Subject: Maths

Class: VIII

Date: 28-08-2018

1. In what time will ₹ 1000 amount to ₹ 1331 at 10% p.a. compounded annually ?
2. Calculate the amount and compound interest on ₹ 62500 for $1\frac{1}{2}$ years at 8% per annum compounded half yearly.
3. A Shopkeeper purchased 120 pencils for ₹ 5 each . He sold 70 of them at the rate of ₹ 8 and remaining at ₹ 4 each .Find the gain or loss %.
4. One piece of 21m long is to be cut into two pieces, with the lengths of pieces being in 2:5 ratio. What are the lengths of the pieces?
5. The enrolment at a university increased from 14,500 students to 17,000 students over a period of 5 years. What is the percent increase in enrolment?
6. If the cost price of 10 pens is equal to the selling price of 8 pens, find the profit or loss percent.
7. A shopkeeper marks his goods at 25% above the cost price and allows a discount of 10%. What is his profit percent?
8. Find the single discount equivalent to two successive discounts of 15% and 10%.