

## Simple Interest word problems

1. Ann borrowed \$800 at 6 % p.a. & \$1200 at 7 % p.a. for the same duration. She had to pay \$1584 in all as interest. Find the time period.
2. \$ 4000 were lent each to Ron and Rob at 15% per annum for  $3\frac{1}{2}$  years and 5 years respectively. Find the difference in the interest paid by them.
3. A certain sum amounts to \$2200 in 2 years to \$2800 in 4 years at simple interest. Find the sum and the rate per cent per annum.



4. Aaron deposited \$ 14600 at a rate of 14% (p.a.) for 160 days. Find the amount he got back after 160 days.
5. Sara deposited \$ 1435 for 3 years and 9 months at the rate of 5% p.a. Find the amount at maturity.
6. John wants to save \$117,000 to buy a house. He deposits \$90,000 in a bank at an interest rate of 6% per annum.  
How many years do John have to wait before he can buy his house?



7. Ben deposits \$ 5400 and got back an amount of \$ 6000 after a year. Find the simple interest he got.
8. David invested \$ 1500 for at the rate of 6% p.a. for 7 years and 3 months. Find the amount he got back.
9. Ria invested a certain amount of money and got back an amount of \$ 8400. If the bank paid an interest of \$ 700, find the amount Ria invested.
10. Jack borrowed \$ 3400 at the rate of 8% p.a. for 225 days. Find the interest and amount he paid.