

BOARD – ICSE	CLASS –7	TOPIC – SIMPLE INTEREST
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- Simple interest on a sum of money at the end of 5 years is $\frac{4}{5}$ of the sum itself.
Find the rate per cent p.a.
- What sum would yield an interest of \$36 in 3 years at 3% p.a.?
- At what rate per cent per annum will \$250 amount to \$330 in 4 years?
- At what rate per cent per annum will \$400 yield an interest of \$78 in $1\frac{1}{2}$ years ?
- In what time will \$400 amount to \$512 if the simple interest is the calculated at 14% p.a.?
- A sum amount to \$2400 at 15% simple interest per annum after 4 years. Find the sum.
- Ken borrowed \$2000 from Sam at 8% per annum. After 6 year he cleared the amount by giving \$2600 cash and a watch. Find the cost of the watch.
- In how many years will \$400 yield an interest of \$112 at 14% simple interest?
- In how many years will \$12000 yield an interest of \$13230 at 10% simple interest?
- In how many years will \$600 double itself at 10% simple interest?
- At what rate of simple interest will \$5000 amount to \$6050 in 3 years, 4 months?
- At what rate of simple interest will the sum of money double itself in 6 years?
- Find the simple interest at the rate of 5% p.a. for 3 years on that principal which in 4 years, 8 months at the rate of 5% p.a. gives \$1200 as simple interest.
- At what rate per cent per annum will \$4000 yield an interest of \$410 in 2 years?
- Simple interest on a certain sum is $\frac{16}{25}$ of the sum. Find the rate per cent and time if both are numerically equal. [Hint: (T = R), P = x, S.I. = $\frac{16}{25}x$]