Spardhaguru India Private Limited

10 Years of Excellence
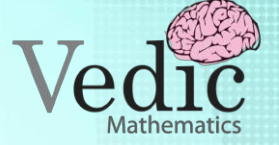
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Vedic Mathematics

1) Simple interest on a certain sum for 6 years is $\frac{9}{25}$ of the sum. The rate of interest is

a) $6\frac{1}{2}$% b) 6%

c) $8\frac{1}{2}$% d) 8%

2) A and B borrowed Rs. 3000 and Rs. 3200 respectively at the same rate of interest for $2\frac{1}{2}$ years. If B paid Rs. 40 more interest than A, find the rate of interest.

a) 7% b) 5%

c) 6% d) 8%

3) In what time will the simple interest be $\frac{2}{5}$ of the principal at 8 per cent per annum?

a) 7 years b) 8 years

c) 6 years d) 5 years

4) At the rate of simple interest per annum, the interest on a certain sum of money for 10 years will be $\frac{2}{5}$ th part of the amount, then the rate of simple interest is

a) $6\frac{2}{3}$% b) 5%

c) $4\frac{1}{2}$% d) 7%

5) The simple interest on a sum after 4 years is $\frac{1}{5}$ of the sum. The rate of interest per annum is

a) 5% b) 4%

c) 8% d) 6%

6) The present worth of a bill due 7 months hence is Rs.1200 and if the bill were due at the end of $2\frac{1}{2}$ years its present worth would be Rs.1016. The rate per cent is

a) 10% b) 5%

c) 20% d) 15%

7) On a certain sum, the simple interest at the end of $6\frac{1}{4}$ years becomes $\frac{3}{8}$ of the sum. The rate of interest is

a) 6% b) 5%

c) 8% d) 7%

8) The simple interest on a sum for 5 years is one fourth of the sum. The rate of interest per annum is

a) 6% b) 5%

c) 8% d) 4%

9) Simple interest on a certain sum for 4 years is $\frac{12}{25}$ of the sum. The rate of interest is

a) 6% b) $6\frac{1}{2}$%

c) 12% d) $8\frac{1}{2}$%

10) The simple interest on a sum at x% for x years is x. What is the sum?

a) $\frac{100}{x}$ b) $\frac{100}{x^2}$

c) x^2 d) x

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