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Chapter 12: Simple and Compound Interest

Daily practice problems: 10 questions with an answer key

Try every question on your own first. The answer key is on the last page.

1. Find the simple interest on Rs 4000 at 5% per year for 2 years.
2. Find the simple interest on Rs 5000 at 8% per year for 3 years.
3. Simple interest of Rs 900 is earned at 6% per year in 5 years. Find the principal.
4. Rs 2000 becomes Rs 2600 at 10% simple interest. Find the time.
5. Rs 1500 earns Rs 270 simple interest in 3 years. Find the rate.
6. Find the amount on Rs 10 000 at 10% compound interest for 2 years.
7. Find the compound interest on Rs 8000 at 5% per year for 2 years.
8. Find the difference between CI and SI on Rs 5000 at 10% per year for 2 years.
9. Rs 8000 is invested for 1 year at 10% per year with interest added half-yearly. Find the amount.
10. A machine worth Rs 50 000 loses 10% of its value every year. Find its value after 2 years.

Answer Key

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|-----------------|----------------|
| 1. Rs 400. | 6. Rs 12 100. |
| 2. Rs 1200. | 7. Rs 820. |
| 3. Rs 3000. | 8. Rs 50. |
| 4. 3 years. | 9. Rs 8820. |
| 5. 6% per year. | 10. Rs 40 500. |

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