EduSahara™ Learning Center Assignment

Grade : Class VII, CBSE
Chapter : Comparing Quantities
Name : Simple Interest
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1. If principal is ₹11000.00, ROI is 5.00% p.a., no of year(s) is 5 and interest type is simple interest computed annually, then interest is

   (i) ₹2751.00 (ii) ₹2752.00 (iii) ₹2749.00

   (iv) ₹2750.00 (v) ₹2748.00

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2. If principal is ₹9000.00, ROI is 2.00% p.a., no of year(s) is 2 and interest type is simple interest computed annually, then amount is

   (i) ₹9358.00 (ii) ₹9359.00 (iii) ₹9361.00

   (iv) ₹9362.00 (v) ₹9360.00

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3. If ROI is 9.00% p.a., no of year(s) is 3 and accumulated simple interest is ₹4320.00 computed annually, then principal is

   (i) ₹15999.00 (ii) ₹16001.00 (iii) ₹16002.00

   (iv) ₹16000.00 (v) ₹15998.00

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4. If ROI is 10.00% p.a., no of year(s) is 4 and accumulated simple interest is ₹7600.00 computed annually, then amount is

   (i) ₹26601.00 (ii) ₹26600.00 (iii) ₹26598.00

   (iv) ₹26599.00 (v) ₹26602.00

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5. If principal is ₹6000.00, no of year(s) is 2 and accumulated simple interest computed annually is ₹600.00, then ROI per annum is

   (i) 7.00% (ii) 3.00% (iii) 5.00% (iv) 4.00% (v) 6.00%

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6. If principal is ₹6000.00, no of year(s) is 3 and accumulated simple interest computed annually is ₹1080.00, then amount is

   (i) ₹7079.00 (ii) ₹7082.00 (iii) ₹7081.00

   (iv) ₹7078.00 (v) ₹7080.00

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7. If principal is ₹11000.00, ROI is 2.00% p.a. and accumulated simple interest computed annually is ₹440.00, then no of years is

(i) 2 (ii) 3 (iii) 5 (iv) 1 (v) 4

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8. If principal is ₹13000.00, ROI is 7.00% p.a. and accumulated simple interest computed annually is ₹3640.00, then amount is

(i) ₹16639.00 (ii) ₹16640.00 (iii) ₹16638.00

(iv) ₹16642.00 (v) ₹16641.00

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9. If principal is ₹19000.00 and simple interest amount is ₹21280.00 for 4 year(s) computed annually, then ROI per annum is

(i) 2.00% (ii) 3.00% (iii) 5.00% (iv) 4.00% (v) 1.00%

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10. Find simple interest, if P = principal, T = time, R = rate percent per annum

(i) $\frac{PT}{100 + R}$ (ii) $\frac{100}{PTR}$ (iii) $\frac{PTR}{100}$ (iv) $\frac{P + T + R}{100}$

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11. Given SI = simple interest, P = principal, T = time, R = rate percent per annum, find simple interest

(i) $\frac{100 \times SI}{P \times R}$ (ii) $\frac{PTR}{100}$ (iii) $\frac{100 \times SI}{P \times T}$ (iv) $\frac{100 \times SI}{R \times T}$

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12. Given SI = simple interest, P = principal, T = time, R = rate percent per annum, find principal

(i) $\frac{PTR}{100}$ (ii) $\frac{100 \times SI}{P \times T}$ (iii) $\frac{100 \times SI}{R \times T}$ (iv) $\frac{100 \times SI}{P \times R}$

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13. Given SI = simple interest, P = principal, T = time, R = rate percent per annum, find rate

(i) $\frac{100 \times SI}{P \times R}$ (ii) $\frac{100 \times SI}{P \times T}$ (iii) $\frac{100 \times SI}{R \times T}$ (iv) $\frac{PTR}{100}$

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14. Given SI = simple interest, P = principal, T = time, R = rate percent per annum, find terms

(i) $\frac{100 \times SI}{P \times T}$ (ii) $\frac{100 \times SI}{P \times R}$ (iii) $\frac{PTR}{100}$ (iv) $\frac{100 \times SI}{R \times T}$

Assignment Key

1) (iv)
2) (v)
3) (iv)
4) (ii)
5) (iii)
6) (v)
7) (i)
8) (ii)
9) (ii)
10) (iii)
11) (ii)
12) (iii)
13) (ii)
14) (ii)