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|  |  | **Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Simple and Compound Interest** |  | **Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_** |
| Use simple interest to find the ending balance. |  |  |
| 1) $34,100 at 4% for  years | 2) |  $210 at 8% for  years |

3) $4,000 at 3% for  years 4) $20,600 at 8% for  years

5) $14,000 at 6% for  years 6) $2,300 at 7% for  years

7) $43,800 at 4.8% for  years 8) $35,800 at 8.2% for  years

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Find the total value of the investment after the time given.

1. $7,300 at 7% compounded semiannually for  years
2. $1,030 at 4% compounded semiannually for  years
3. $18,000 at 9% compounded semiannually for  years
4. $1,500 at 7% compounded annually for  years
5. $1,240 at 8% compounded annually for  years
6. $55,000 at 16% compounded semiannually for  years
7. $28,600 at 7.9% compounded semiannually for  years
8. $21,000 at 13.6% compounded quarterly for  years
9. $12,700 at 8.8% compounded semiannually for  year
10. $130 at 9.4% compounded quarterly for  years

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| Kuta Software - Infinite Pre-Algebra |  | Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Simple and Compound Interest |  | Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_ |
| Use simple interest to find the ending balance. |  |  |
| 1) $34,100 at 4% for  years | 2) | $210 at 8% for  years |
| $38,192.00 |  | $327.60 |

|  |  |  |  |
| --- | --- | --- | --- |
| 3) | $4,000 at 3% for  years | 4) | $20,600 at 8% for  years |
|  | $4,480.00 |  | $23,896.00 |

|  |  |  |  |
| --- | --- | --- | --- |
| 5) | $14,000 at 6% for  years | 6) | $2,300 at 7% for  years |
|  | $21,560.00 |  | $3,749.00 |

|  |  |  |  |
| --- | --- | --- | --- |
| 7) | $43,800 at 4.8% for  years | 8) | $35,800 at 8.2% for  years |
|  | $48,004.80 |  | $44,606.80 |

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Find the total value of the investment after the time given.

1. $7,300 at 7% compounded semiannually for  years

$8,973.56

1. $1,030 at 4% compounded semiannually for  years

$1,114.91

1. $18,000 at 9% compounded semiannually for  years

$30,525.87

1. $1,500 at 7% compounded annually for  years

$1,837.56

1. $1,240 at 8% compounded annually for  years

$1,446.34

1. $55,000 at 16% compounded semiannually for  years

$74,826.89

1. $28,600 at 7.9% compounded semiannually for  years

$33,393.66

1. $21,000 at 13.6% compounded quarterly for  years

$35,854.85

1. $12,700 at 8.8% compounded semiannually for  year

$13,842.19

1. $130 at 9.4% compounded quarterly for  years

$156.55



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