

INTEREST TABLE

Initial Investment = \$4,000.00. Interest Rate = 12% compounded quarterly for 2 years

| A               | B   | C                               | D   |
|-----------------|---|---------------------------------|---|
| Interest Period | Investment at the beginning of the period | Interest Earned<br>$I = Prt$    | Investment Value (IV) at the end of the period.<br>$IV = \text{Column B} + \text{Column C}$ |
| 1               | 4000                                      | $4000 * .12 * 3/12 = 120$       | $4000 + 120 = 4120$   |
| 2               | 4120                                      | $4120 * .12 * 3/12 = 123.60$    | $4120 + 123.60 = 4243.60$   |
| 3               | 4243.60                                   | $4243.60 * .12 * 3/12 = 127.30$ | $4243.60 + 127.30 = 4370.90$  |
| 4               | 4370.90                                   | $4370.90 * .12 * 3/12 = 131.12$ | $4370.90 + 131.12 = 4502.02$  |
| 5               | 4502.02                                   | $4502.02 * .12 * 3/12 = 135.06$ | $4502.02 + 135.06 = 4637.08$  |
| 6               | 4637.08                                   | $4637.08 * .12 * 3/12 = 139.11$ | $4637.08 + 139.11 = 4776.19$  |
| 7               | 4776.19                                   | $4776.19 * .12 * 3/12 = 143.28$ | $4776.19 + 143.28 = 4919.47$  |
| 8               | 4919.47                                   | $4919.47 * .12 * 3/12 = 147.58$ | $4919.47 + 147.58 = 5067.05$  |
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