Natural Capital Worksheet

Congratulations!!! You just won 10 million dollars (after taxes). As a responsible person you have deposited the money in an interest bearing account that yields a 2% APR. Unfortunately you begin living a lifestyle that requires spending $300,000 dollars per year. For how long can you continue this level of spending? Fill out the table below to find out.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Time | Capital | Amount of Interest | Expenditures | Capital at the end of the year |
| Year 1 | $10,000,000 | $200,000 | $300,000 | $9,900,000 |
| Year 2 | $9,900,000 |  |  |  |
| Year 3 |  |  |  |  |
| Year 4 |  |  |  |  |
| Year 5 |  |  |  |  |
| Year 6 |  |  |  |  |
| Year 7 |  |  |  |  |
| Year 8 |  |  |  |  |
| Year 9 |  |  |  |  |
| Year 10 |  |  |  |  |
| Year 12 |  |  |  |  |
| Year 13 |  |  |  |  |
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