Using the table of costs and benefits below, answer the questions that follow.

|  |  |  |
| --- | --- | --- |
| Year | Costs | Benefits |
| Year 0 | 2,000,000 | 0 |
| Year 1 | 150,000 | 50,000 |
| Year 2 | 50,000 | 100,000 |
| Year 3 | 50,000 | 150,000 |
| Year 4 | 50,000 | 200,000 |
| Year 5 | 50,000 | 225,000 |
| Year 6 | 50,000 | 250,000 |
| Year 7 | 50,000 | 275,000 |
| Year 8 | 50,000 | 300,000 |
| Year 9 | 50,000 | 325,000 |
| Year 10 | 50,000 | 350,000 |
| Year 11 | 50,000 | 375,000 |
| Year 12 | 50,000 | 400,000 |
| Year 13 | 50,000 | 425,000 |
| Year 14 | 50,000 | 450,000 |
| Year 15 | 50,000 | 475,000 |
| Year 16 | 50,000 | 500,000 |
| Year 17 | 50,000 | 525,000 |
| Year 18 | 50,000 | 550,000 |
| Year 19 | 50,000 | 575,000 |
| Year 20 | 50,000 | 600,000 |
| Year 21 | 50,000 | 625,000 |
| Year 22 | 50,000 | 650,000 |
| Year 23 | 50,000 | 675,000 |
| Year 24 | 50,000 | 700,000 |
| Year 25 | 50,000 | 725,000 |
| Year 26 | 50,000 | 750,000 |
| Year 27 | 50,000 | 775,000 |
| Year 28 | 50,000 | 800,000 |
| Year 29 | 50,000 | 825,000 |
| Year 30 | 50,000 | 850,000 |

1. What is the NPV of the project? Assume a 10% discount rate and round your answer to the nearest whole dollar (e.g. $125,321).

2. What is the IRR of the project? **Round your answer to two decimal places (e.g. 15.80%).**

3. What is the Simple ROI of the project?

4. Based on your calculations, should the project move forward? Why or why not?

Please submit a single Excel file with your answers. Please answer all questions directly in the Excel file.