The Magic of Compound Interest

|  | Investor A |  | Investor B |  | Investor C |  | Investor D |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age | Invest | Year- End Value | Invest | Year- End Value | Invest | Year- End Value | Invest | Year- End Value |
| 8 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,400 | \$2,592 |
| 9 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,400 | \$5,391 |
| 10 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,400 | \$8,415 |
| 11 | \$0 | \$0 | \$0 | \$0 | \$2,400 | \$2,640 | \$2,400 | \$11,680 |
| 12 | \$0 | \$0 | \$0 | \$0 | \$2,400 | \$5,544 | \$2,400 | \$15,206 |
| 13 | \$0 | \$0 | \$0 | \$0 | \$2,400 | \$8,580 | \$2,400 | \$19,015 |
| 14 | \$0 | \$0 | \$0 | \$0 | \$2,400 | \$11,858 | \$0 | \$20,536 |
| 15 | \$0 | \$0 | \$0 | \$0 | \$2,400 | \$15,399 | \$0 | \$22,179 |
| 16 | \$0 | \$0 | \$0 | \$0 | \$2,400 | \$19,222 | \$0 | \$23,953 |
| 17 | \$0 | \$0 | \$0 | \$0 | \$2,400 | \$23,352 | \$0 | \$25,869 |
| 18 | \$0 | \$0 | \$2,400 | \$2,592 | \$2,400 | \$27,812 | \$0 | \$27,939 |
| 19 | \$0 | \$0 | \$2,400 | \$5,391 | \$0 | \$30,037 | \$0 | \$30,174 |
| 20 | \$0 | \$0 | \$2,400 | \$8,415 | \$0 | \$32,440 | \$0 | \$32,588 |
| 21 | \$0 | \$0 | \$2,400 | \$11,680 | \$0 | \$35,036 | \$0 | \$35,195 |
| 22 | \$2,400 | \$2,592 | \$2,400 | \$15,206 | \$0 | \$37,838 | \$0 | \$38,011 |
| 23 | \$2,400 | \$5,391 | \$2,400 | \$19,015 | \$0 | \$40,865 | \$0 | \$41,051 |
| 24 | \$2,400 | \$8,415 | \$2,400 | \$23,128 | \$0 | \$44,135 | \$0 | \$44,335 |
| 25 | \$2,400 | \$11,680 | \$2,400 | \$27,570 | \$0 | \$47,665 | \$0 | \$47,882 |
| 26 | \$2,400 | \$15,206 | \$2,400 | \$32,368 | \$0 | \$51,479 | \$0 | \$51,713 |
| 27 | \$2,400 | \$19,015 | \$2,400 | \$37,549 | \$0 | \$55,597 | \$0 | \$55,850 |
| 28 $\$ 2,400$ $\$ 23,128$ $\$ 2,400$ $\$ 43,145$ |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 36 | \$2,400 | \$70,378 | \$2,400 | \$107,429 | \$0 | \$111,139 | \$0 | \$111,644 |
| 37 | \$2,400 | \$78,601 | \$2,400 | \$118,615 | \$0 | \$120,030 | \$0 | \$120,576 |
| 38 | \$2,400 | \$87,481 | \$2,400 | \$130,696 | \$0 | \$129,632 | \$0 | \$130,222 |
| 39 | \$2,400 | \$97,071 | \$2,400 | \$143,744 | \$0 | \$140,003 | \$0 | \$140,640 |
| 40 | \$2,400 | \$107,429 | \$2,400 | \$157,835 | \$0 | \$151,203 | \$0 | \$151,891 |
| 41 | \$2,400 | \$118,615 | \$0 | \$170,462 | \$0 | \$163,299 | \$0 | \$164,042 |
| 42 | \$2,400 | \$130,696 | \$0 | \$184,099 | \$0 | \$176,363 | \$0 | \$177,165 |
| 43 | \$2,400 | \$143,744 | \$0 | \$198,827 | \$0 | \$190,472 | \$0 | \$191,339 |
| 44 | \$2,400 | \$157,835 | \$0 | \$214,733 | \$0 | \$205,710 | \$0 | \$206,646 |
| 45 | \$2,400 | \$173,054 | \$0 | \$231,912 | \$0 | \$222,167 | \$0 | \$223,177 |
| 46 | \$2,400 | \$189,491 | \$0 | \$250,465 | \$0 | \$239,940 | \$0 | \$241,032 |
| 47 | \$2,400 | \$207,242 | \$0 | \$270,502 | \$0 | \$259,135 | \$0 | \$260,314 |
| 48 | \$2,400 | \$226,413 | \$0 | \$292,142 | \$0 | \$279,866 | \$0 | \$281,139 |
| 49 | \$2,400 | \$247,118 | \$0 | \$315,514 | \$0 | \$302,256 | \$0 | \$303,630 |
| 50 | \$2,400 | \$269,480 | \$0 | \$340,755 | \$0 | \$326,436 | \$0 | \$327,921 |
| 51 | \$2,400 | \$293,630 | \$0 | \$368,015 | \$0 | \$352,551 | \$0 | \$354,155 |
| 52 | \$2,400 | \$319,712 | \$0 | \$397,456 | \$0 | \$380,755 | \$0 | \$382,487 |
| 53 | \$2,400 | \$347,881 | \$0 | \$429,253 | \$0 | \$411,215 | \$0 | \$413,086 |
| 54 | \$2,400 | \$378,304 | \$0 | \$463,593 | \$0 | \$444,113 | \$0 | \$446,133 |
| 55 | \$2,400 | \$411,160 | \$0 | \$500,681 | \$0 | \$479,642 | \$0 | \$481,823 |
| 56 | \$2,400 | \$446,645 | \$0 | \$540,735 | \$0 | \$518,013 | \$0 | \$520,369 |
| 57 | \$2,400 | \$484,969 | \$0 | \$583,994 | \$0 | \$559,454 | \$0 | \$561,999 |
| 58 | \$2,400 | \$526,358 | \$0 | \$630,713 | \$0 | \$604,210 | \$0 | \$606,959 |
| 59 | \$2,400 | \$571,059 | \$0 | \$681,170 | \$0 | \$652,547 | \$0 | \$655,515 |
| 60 | \$2,400 | \$619,336 | \$0 | \$735,664 | \$0 | \$704,751 | \$0 | \$707,957 |
| 61 | \$2,400 | \$671,474 | \$0 | \$794,517 | \$0 | \$761,131 | \$0 | \$764,593 |
| 62 | \$2,400 | \$727,784 | \$0 | \$858,079 | \$0 | \$822,021 | \$0 | \$825,761 |
| 63 | \$2,400 | \$788,599 | \$0 | \$926,725 | \$0 | \$887,783 | \$0 | \$891,821 |
| 64 | \$2,400 | \$854,279 | \$0 | \$1,000,863 | \$0 | \$958,806 | \$0 | \$963,167 |
| 65 | \$2,400 | \$925,213 | \$0 | \$1,080,932 | \$0 | \$1,035,510 | \$0 | \$1,040,220 |
| Total Investment Investment Gain Investment Gain |  | \$105,600 | \$55,200 |  | \$19,200 |  | \$14,400 |  |
|  |  | \$925,213 | \$1,080,932 |  | \$1,035,510 |  | \$1,040,220 |  |
|  |  | 876\% | 1958\% |  | 5393\% |  | 7224\% |  |

