## The Power of Compounding

## "Compound interest is the eighth wonder of the world.

He who understands it, earns it; he who doesn't, pays it", - Albert Einstein

# Would you rather have a million dollars today, or a magic penny that doubles every day for 30 days? 



| Day 1 | $\$ 0.01$ |
| :---: | :---: |
| Day 2 | $\$ 0.02$ |
| Day 3 | $\$ 0.04$ |
| Day 4 | $\$ 0.08$ |
| Day 5 | $\$ 0.16$ |
| Day 6 | $\$ 0.32$ |
| Day 7 | $\$ 0.64$ |
| Day 8 | $\$ 1.28$ |
| Day 9 | $\$ 2.56$ |
| Day 10 | $\$ 5.12$ |


| Day 11 | $\$ 10.24$ |
| :---: | :---: |
| Day 12 | $\$ 20.48$ |
| Day 13 | $\$ 40.96$ |
| Day 14 | $\$ 81.92$ |
| Day 15 | $\$ 163.84$ |
| Day 16 | $\$ 327.68$ |
| Day 17 | $\$ 655.36$ |
| Day 18 | $\$ 1,310.72$ |
| Day 19 | $\$ 2,621.44$ |
| Day 20 | $\$ 5,242.88$ |


| Day 21 | $\$ 10,485.76$ |
| :---: | :---: |
| Day 22 | $\$ 20,971.52$ |
| Day 23 | $\$ 41,943.04$ |
| Day 24 | $\$ 83,886.08$ |
| Day 25 | $\$ 167,772.16$ |
| Day 26 | $\$ 335,544.32$ |
| Day 27 | $\$ 671,088.64$ |
| Day 28 | $\$ 1,342,177.28$ |
| Day 29 | $\$ 2,684,354.56$ |
| Day 30 | $\mathbf{\$ 5 , 3 6 8 , 7 0 9 . 1 2}$ |

The magic of compounding occurs in the later years.

