



Math for the people, by the people.

## mathematics of finance

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From ancient times, a socially significant application of mathematics has been in accounting. This entry points to places on PlanetMath which deal with this topic.

1. interest
2. simple interest
3. compound interest, continuously compounded
4. interest rate
5. effective interest rate
6. instantaneous effective interest rate
7. present value, net present value
8. coupon rate
9. rate of return
10. yield rate, yield curve
11. force of interest
12. annuity
13. perpetuity
14. call option, put option,
15. American option, European option
16. arbitrage, the arbitrage theorem
17. risk neutral
18. Black-Scholes formula
19. capital asset pricing model (CAPM)