Compound Interest **RULE OF 72**





Money makes money. And the money that money makes, makes money. – Ben Franklin

on your interest—you can use the

Compound interest means earning interest

Rule of 72 to approximate how long it will take for an

investment to double at a given interest rate - USEFUL FOR -





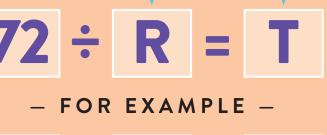


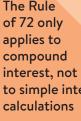


Divide the rule number (72) by the annual interest rate (R) to find out the approximate time (T) required for doubling

HOW TO 72

YEARS TO INTEREST DOUBLE RATE





to simple interest

2%

3%



COMPARING THE MATH

Although scientific calculators and spreadsheet programs have functions to find the accurate doubling time, the Rule of 72 is useful for mental calculations or when only a basic calculator is available

Rule of 72 Interest rate Actual years 72.00 1% 69.66

35.00

23,45

36.00

24.00

This table illustrates just how close the Rule of 72 is to the actual doubling time

3/0	23.43	24.00
4%	17.67	18.00
5%	14.21	14.40
6%	11.90	12.00
7%	10.24	10.29
8%	9.01	9.00
9%	8.04	8.00
10%	7.27	7.20
11%	6.64	6.55
12%	6.12	6.00
DOUBLING IN ACTION		
Here are some interest rates to compare—as you can see, modest		

increases in rates have a dramatic effect on the doubling time

6%

\$10,000

12%

\$10,000

\$20,000

\$40,000

3%

\$10,000

6 In times of \$20,000

1.5%

\$10,000

Years

0

12





Not all investments are guaranteed some investments carry the risk of losing money, even when made through a financial advisor or financial institution



BROUGHT TO YOU BY



Sources: All the Math You'll Ever Need by Steven Slavin, BetterExplained.com

It's a Money Thing is a registered trademark of Currency Marketing