

Binogi Video: Compound Interest English-Arabic Bilingual Concept List The Escape Projects

Concept in English	Add the Concept in your Language	Picture
Percentage (percent, percentages) Refers to the share of something measured in points per hundred. For example, if half the students in a class are females then the percentage of females in the class is fifty.		% Percent = hundredth
Change factor The number that you multiply by the original amount to get the amount after a change.		1000 + (1000 × 0.1) = 1000 × 1.1 Principal Change factor (1 + interest rate)
Interest The price paid for borrowing money by the person who borrows the money.		Principal:\$1000 Interest rate:10% Year 0 1 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Compound interest The sum of the interest, calculated on all previous interests as well as the starting sum.		Compound interest Principal: 51000 Interest rate: 10% Year 0
Principal The original amount of a loan or an investment, before any interest is added.		1000 + (1000 × 0.1) = 1000 × 1.1 Principal Change factor (1 + interest rate)
Exponential expression A term that is made up of a number and a smaller number in the top right corner. The small number tells you how many times to multiply the larger number by itself.		$1.1 \times 1.1 \times 1.1 \times 1.1 \times 1.1 = 1000 \times 1.1^{5}$ $1.1^{5} = 1.61051$
Debt (debts) An amount of money that you owe to someone or something.		Principal:\$1000 Interest rate:10% Year 0 1 Debt after 1 year: 1000 + (1000 × 0.1)





