

# Compound interest problems ©www.meinlernen.at



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## **problem: compound interest problem 1**

Susan invests € 40 000,- at an interest rate of 4% for seven years.

How much is her capital including compound interest after seven years?

## **problem: compound interest problem 2**

Mr Smith invests € 8 000,- at an interest rate of 5% for six years.

How much is his capital including compound interest after six years?

## **problem: compound interest problem 3**

Frank receives € 18 982,99 capital including compound interest after 11 years of saving: interest rate 6%.

How much was the present value of the capital 11 years ago.

## **problem: compound interest problem 4**

Anna receives € 32 504,02 capital including compound interest after 8 years of saving: interest rate 5%.

How much was the present value of the capital 8 years ago.

## **problem: compound interest problem 5**

You take out a loan of \$ 2 000,- for 8 months, interest rate 1% per month

How much you have to pay back after 8 months?