



Exercises Excel: Financial functions

With sheet [07-FF.xlsx | Ex01] solve the following exercises:

1. What is the value of the monthly payments to make for a loan of 150000€, during 35 years, with an annual fixed rate of 5,375%?
2. Determine the value of an investment of 1000€ after 30 years, with an annual interest rate of 4% and monthly deposits of 50€.
3. A company wishes to make a loan of 100000€, to pay in 10 years at a fixed rate. For that, it contacted two loan companies, that presented the following options:
 - 3.1. Trimestral payments of de 3736,19€
 - 3.2. Monthly payments of 1245,40€What is the best option concerning the interest rate?
4. Determine how many years are needed so that an investment of 5000€ will become 7000€ at a semestral interest rate of 2,563%.