

3. (4 points) A company has a loan of 100,000 to be repaid with 30 annual end-of-year level payments. The principal and the interest in the 21st payment are the same. Find the principal repaid in the 10th payment.

- A) 1862 B) 1871 C) 1884 D) 1901 E) 1913

4. (4 points) Consider a 30-year home mortgage at a 6.6% nominal annual interest rate compounded monthly, with level end-of-month payments of 766.39. What is the first period in which the principle repaid is over 500?

- I) 269
II) 274
III) 278
IV) 281
V) 284