

Adı Soyadı:

Numara:

MÜHENDİSLİK EKONOMİSİ ÖDEV

Teslim Tarihi: 09.03.2015

Problem 1 (Basit Faiz). An employee at LaserKinetics.com borrows \$10,000 on May 1 and must repay a total of \$10,700 exactly 1 year later. Determine the interest amount and the interest rate paid.

Problem 2 (Basit Faiz). Which of the following 1-year investments has the highest rate of return?

- (a) \$12,500 that yields \$1125 in interest,
- (b) \$56,000 that yields \$6160 in interest, or
- (c) \$95,000 that yields \$7600 in interest .

Problem 3 (Bileşik Faiz) If interest is compounded at 20% per year, how long will it take for \$50,000 to accumulate to \$86,400?

Not: Ödev çözümleri bu kağıda el yazısı ile düzgün ve anlaşılır bir şekilde çözülecektir.

Her öğrenci ödevini teslim tarihinde ders saatinde kendisi teslim edecektir.