##### Problem 59

a

图表, 散点图

描述已自动生成

b

Let denote future value of loan and denote future value of payback.

Therefore,

c

EOY 4 : $ 1900.97

EOY 5 : $ 3801.94

EOY 6 : $ 5702.91

EOY 7 : $ 7603.88

EOY 8 : $ 9504.85

d

##### Problem 71

a

b

##### Problem 93

##### Problem 124

Let denote investment in year and denote future value of in year.

For :

Substituted by:

We have:

##### Problem 147

Invest $ 427.23 per month.

##### Problem 149

a

b

c

d

e

##### Problem 151