

## CHEMISTRY ONLINE

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## PURE MATH

## ALGEBRA AND FUNCTION

Level \& Board EDEXCEL (A-LEVEL)

TOPIC:
LINEAR MODEL

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## Questions

Q1.
Suppose you deposit money into a savings account. The balance, measured In thousands of dollars, is recorded after a certain duration of time. For this particular account, the balance was $\$ 8,000$ after 2 year and $\$ 32,000$ after 6 years.
(Total for question = 5 marks)

Q2.
Suppose you deposit money into a savings account. The balance, measured In thousands of dollars, is recorded after a certain duration of time. For this particular account, the balance was $\$ 10,000$ after 3 years and $\$ 40,000$ after 8 years.

Q3.
Suppose you deposit money into a savings account. The balance, measured In thousands of dollars, is recorded after a certain duration of time. For this particular account, the balance was $\$ 15,000$ after 4 year and $\$ 45,000$ after 9 years.
(Total for question = 4 marks)

Q4.
Suppose you deposit money into a savings account. The balance, measured In thousands of dollars, is recorded after a certain duration of time. For this particular account, the balance was $\$ 6,000$ after 2 year and $\$ 24,000$ after 5 years.

Q5.
Suppose you deposit money into a savings account. The balance, measured In thousands of dollars, is recorded after a certain duration of time. For this particular account, the balance was $\$ 25,000$ after 6 years and $\$ 85,000$ after 12 years.
(Total for question = 5 marks)

Q6.
Suppose you deposit money into a savings account. The balance, measured In thousands of dollars, is recorded after a certain duration of time. For this particular account, the balance was $\$ 30,000$ after 7 year and $\$ 100,000$ after 14 years.

Q7.
Suppose you deposit money into a savings account. The balance, measured In thousands of dollars, is recorded after a certain duration of time. For this particular account, the balance was $\$ 35,000$ after 8 year and $\$ 120,000$ after 16 years.
(Total for question = 4 marks)

Q8.
Suppose you deposit money into a savings account. The balance, measured In thousands of dollars, is recorded after a certain duration of time. For this particular account, the balance was $\$ 40,000$ after 9 years and $\$ 150,000$ after 18 years.
(Total for question = 5 marks)


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