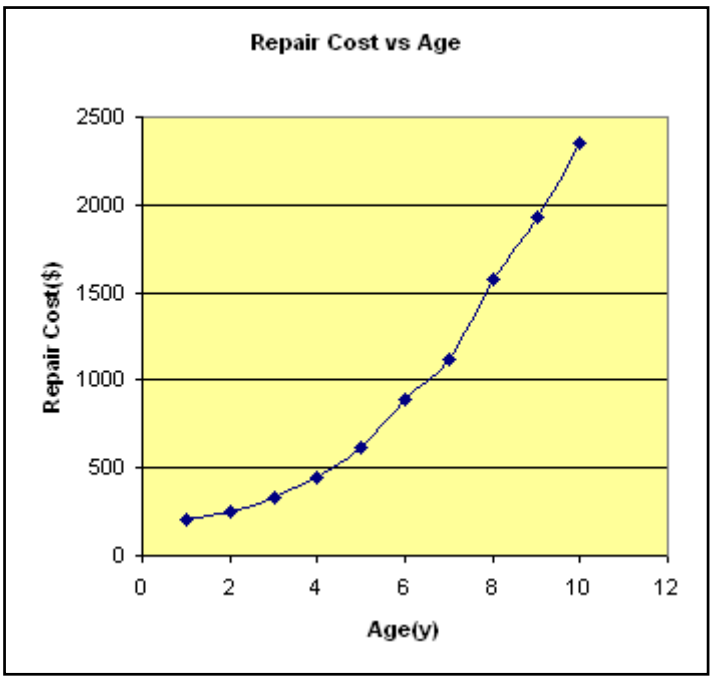
MATC9 Ch04.3 Key Concepts 6 Two-Variable Broken-Line Graph Worked Example

Example: The table shown lists the average yearly repair cost of a model of car in relation to its age. Make a broken-line graph of these data.

Age(y)	Repair Cost($)
1	210
2	250
3	330
4	450
5	620
6	890
7	1120
8	1580
9	1930
10	2350



Solution:

Place the age in years on the horizontal axis, and the repair cost in dollars on the vertical axis.

Practice:

1. The table shown lists the number of centimetres of snow that fell each year over the past seven years. Make a broken-line graph of these data.

Year	Cm of Snow
1	120
2	83
3	99
4	112
5	75
6	133
7	56

2. Charles kept a record of the number of hours of homework that he did each week over a 15 week college semester. Make a broken-line graph of these data.

Week	Hours of Homework
1	25
2	22
3	26
4	33
5	21
6	18
7	42
8	23
9	25
10	29
11	24
12	18
13	36
14	25
15	28