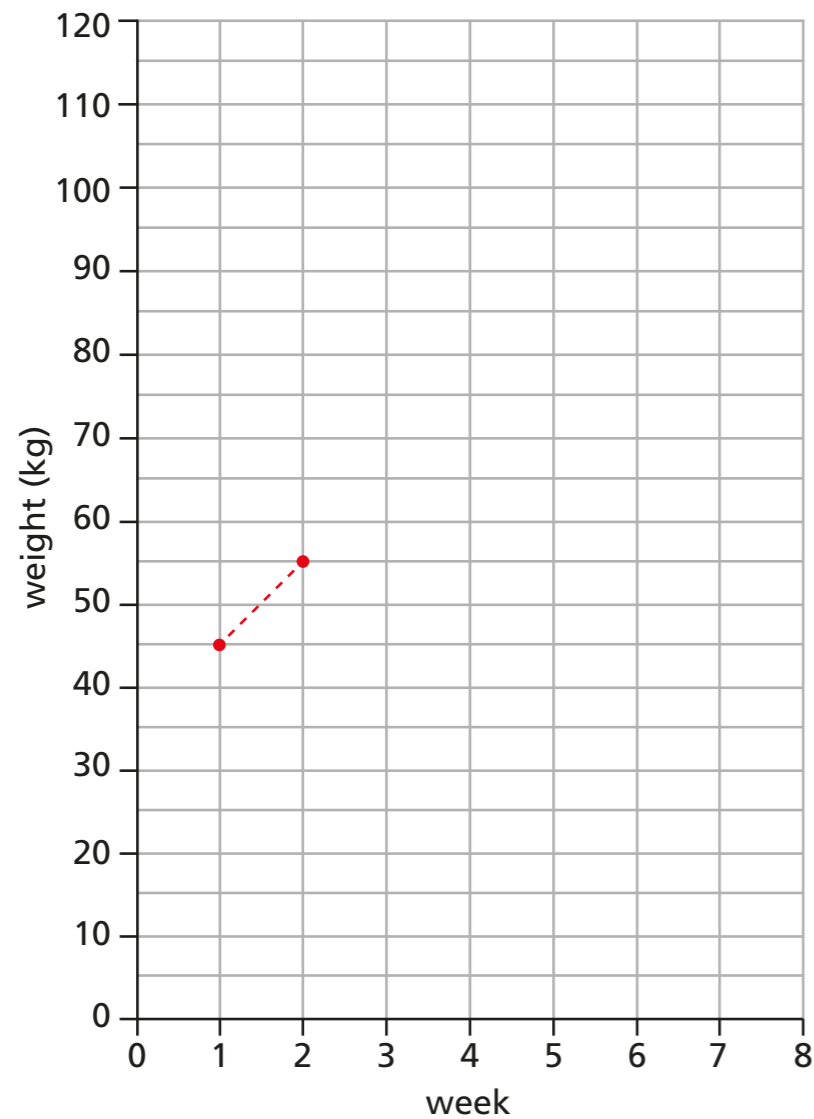# Draw line graphs

1 The table shows the weight of a horse at the end of each week for 8 weeks.

Week	1	2	3	4	5	6	7	8
Weight (kg)	45	55	70	80	95	100	100	120

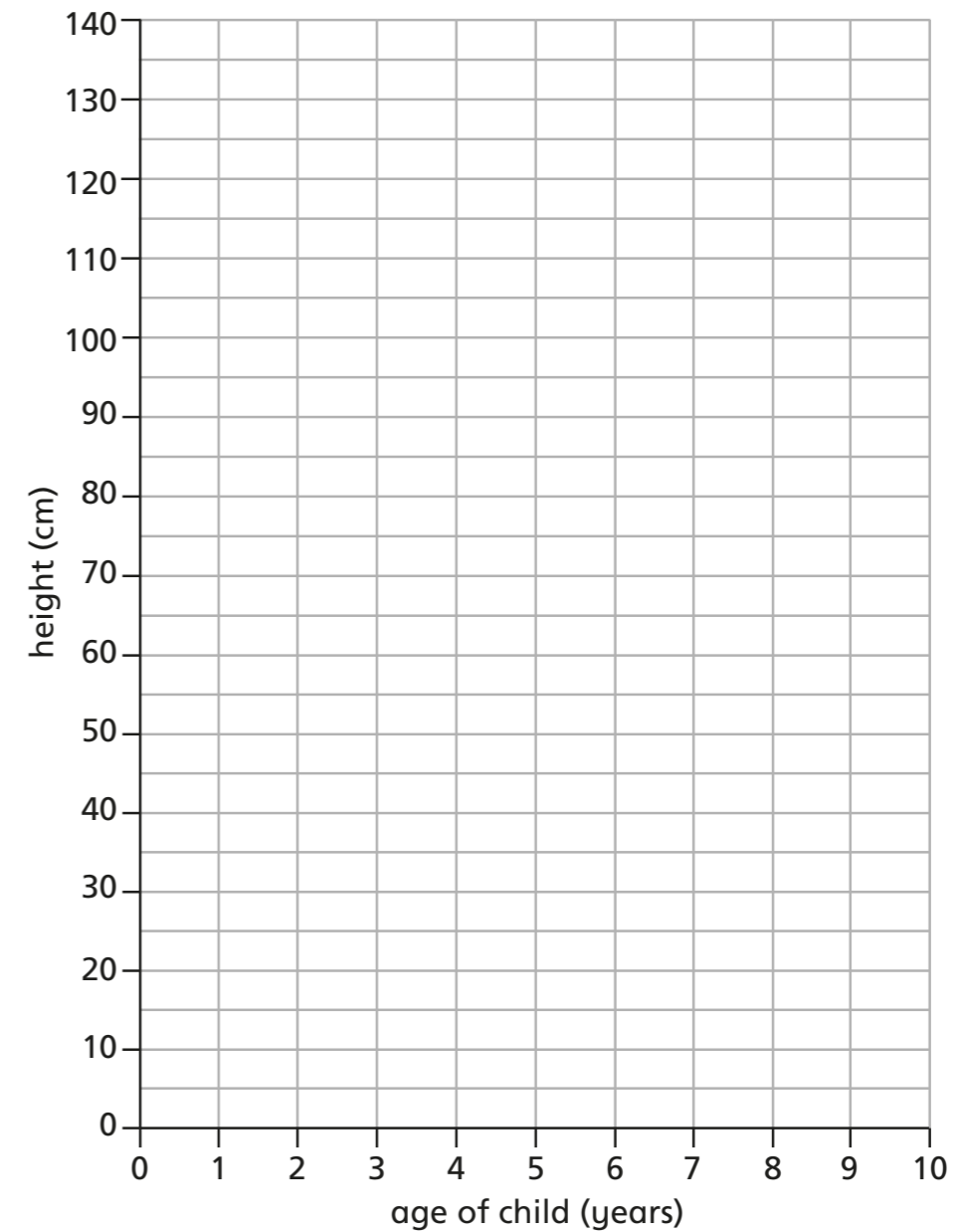Plot this information on the line graph

The first two points have been plotted for you.

2 The table shows the height of a child from 0 to 10 years of age.

Age of child	0	1	2	3	4	5	6	7	8	9	10
Height of child (cm)	50	76	86	95	102	110	115	122	128	133	138

a) Draw a line graph to represent this data.

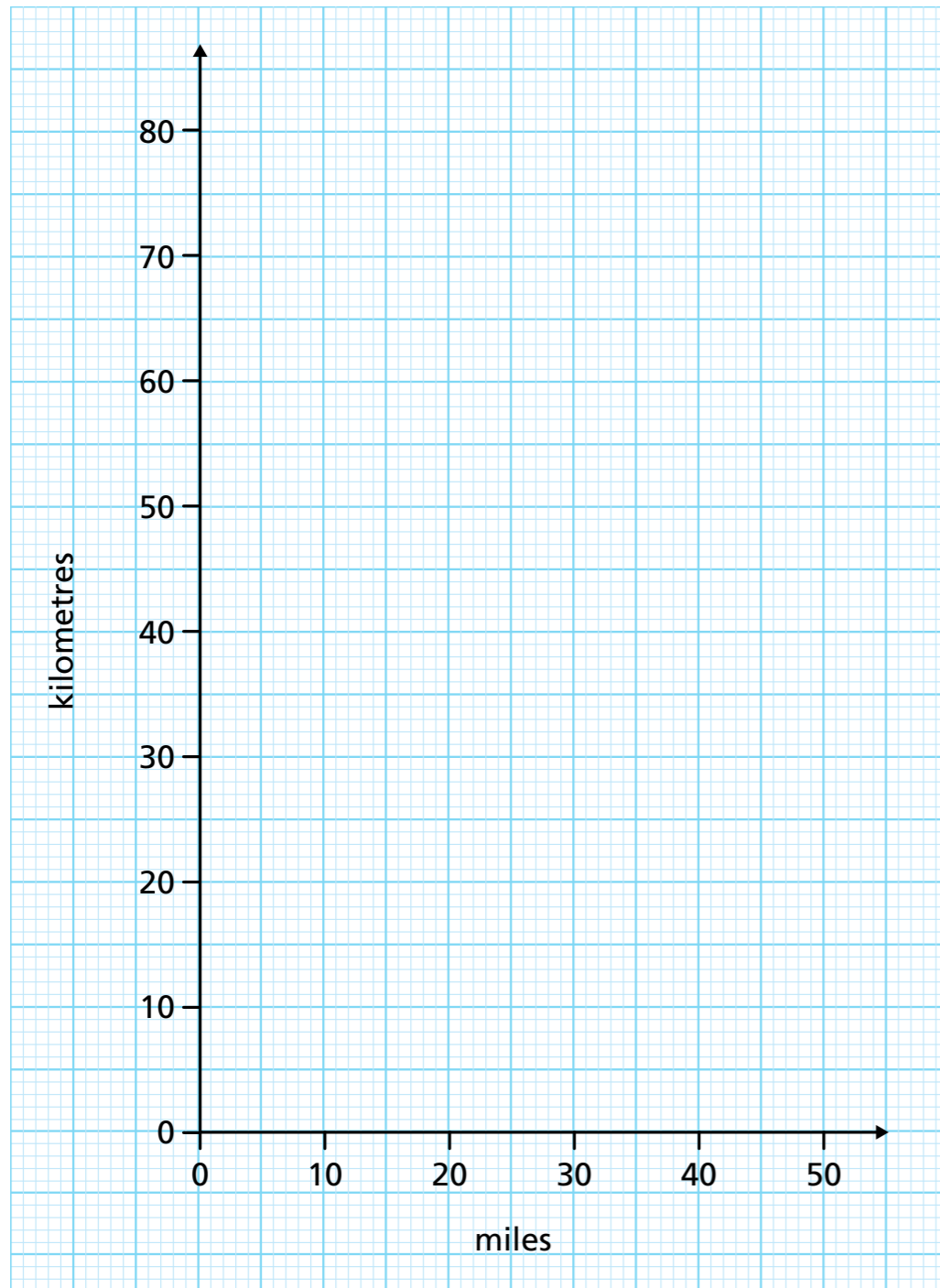**b)** Estimate the height of the child at 7-and-a-half years old.

Explain your estimate.

_____

_____

3 This table shows the conversion between miles and kilometres.

Miles	0	5	10	20	50
Kilometres	0	8	16	32	80

a) Plot this data as a line graph.

b) How many kilometres is 15 miles?

c) How many miles is 60 km?

4 This table shows the time for sunrise and sunset in a town on the first day of each month.

	Jan	Feb	Mar	Apr	May	Jun
Sunrise	8:00	7:30	6:30	6:00	5:30	5:00
Sunset	16:00	16:30	17:30	19:30	20:30	21:00

	Jul	Aug	Sep	Oct	Nov	Dec
Sunrise	4:30	5:00	6:00	7:00	7:00	7:30
Sunset	21:30	20:30	19:30	18:30	16:30	16:00

Plot the information into one line graph with two lines.