Frequency polygons

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MATHS-SCHOOL

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Name:

Draw a frequency polygon to represent the data in the given tables:

a)

Age	Frequency
0 < a ≤ 20	8
20 < a ≤ 40	10
40 < a ≤ 60	4

b)

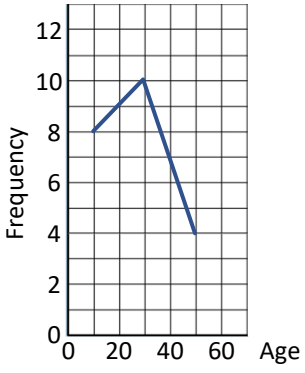
Age	Frequency
0 < a ≤ 12	20
12 < a ≤ 24	28
24 < a ≤ 36	26
36 < a ≤ 48	16

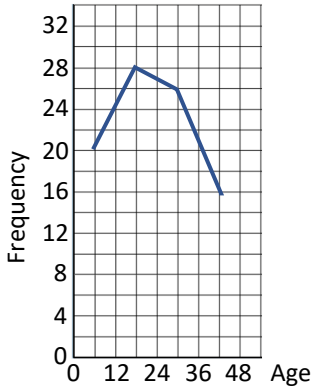
c)

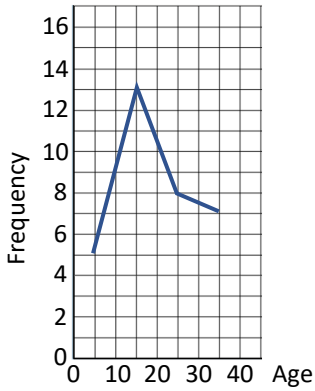
Age	Frequency
0 < a ≤ 10	5
10 < a ≤ 20	13
20 < a ≤ 30	8
30 < a ≤ 40	7

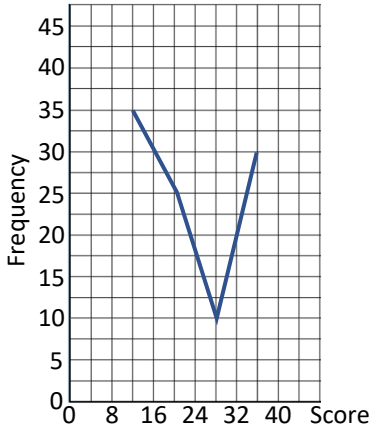
d)

Score	Frequency
8 < s ≤ 16	35
16 < s ≤ 24	25
24 < s ≤ 32	10
32 < s ≤ 40	30









Use the frequency polygons to complete the missing data in the given tables:

e)

Age	Frequency
0 < a ≤ 20	6
20 < a ≤ 40	9
40 < a ≤ 60	7

f)

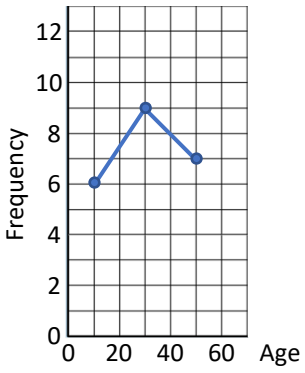
Age	Frequency
0 < a ≤ 12	6
12 < a ≤ 24	16
24 < a ≤ 36	14
36 < a ≤ 48	18

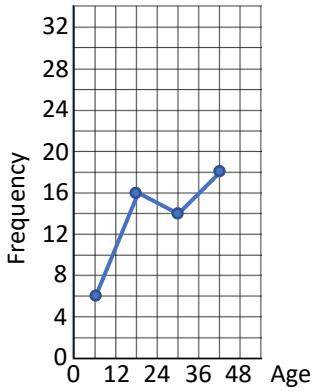
g)

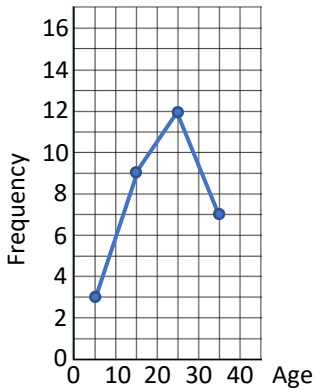
Age	Frequency
0 < a ≤ 10	3
10 < a ≤ 20	9
20 < a ≤ 30	12
30 < a ≤ 40	7

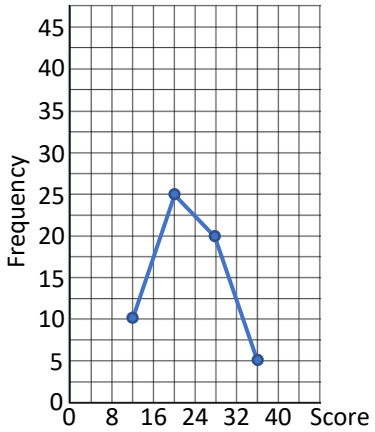
h)

Score	Frequency
8 < s ≤ 16	10
16 < s ≤ 24	25
24 < s ≤ 32	20
32 < s ≤ 40	5

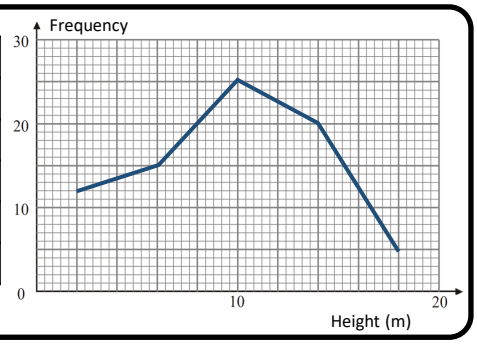








Exam question:
The table shows some data about the heights (h cm) of trees.

Height	Frequency
0 < h ≤ 4	12
4 < h ≤ 8	15
8 < h ≤ 12	25
12 < h ≤ 16	20
16 < h ≤ 20	5

Represent the data as a frequency polygon.