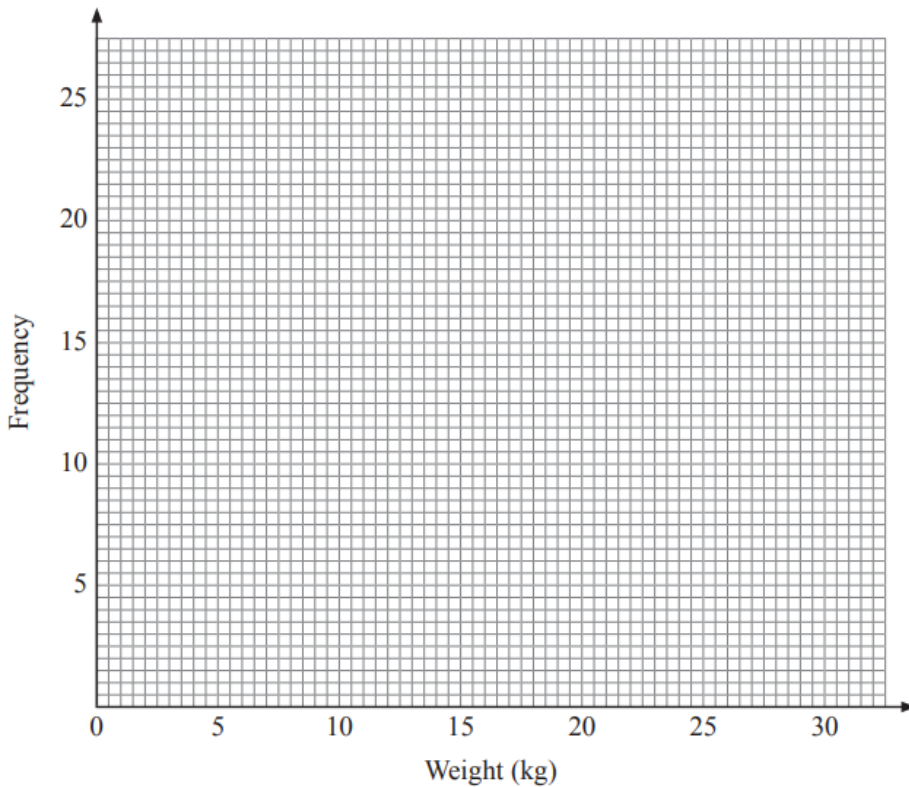


10 The table below shows the weight of suitcases checked in for a flight.

Weight (kg)	Frequency
$0 < w \leq 5$	2
$5 < w \leq 10$	11
$10 < w \leq 15$	25
$15 < w \leq 20$	18
$20 < w \leq 25$	13
$25 < w \leq 30$	11

(a) Draw a frequency polygon for the data.



[2]

(b) Which class interval contains the median weight?

Answer _____ [1]

(c) All luggage is charged at £20 per suitcase. A suitcase weighing over 20kg has an additional charge of £7.50

How much money is charged for all the luggage on this flight?

Answer £ _____ [2]

MA = 18 days to go!

Nicola is organising a concert to raise money for charity.

Entry to the concert is £4.00

The number of people attending concert is 800 to the nearest hundred.

What is the greatest possible amount of money she raised for charity?

£.....

(3)