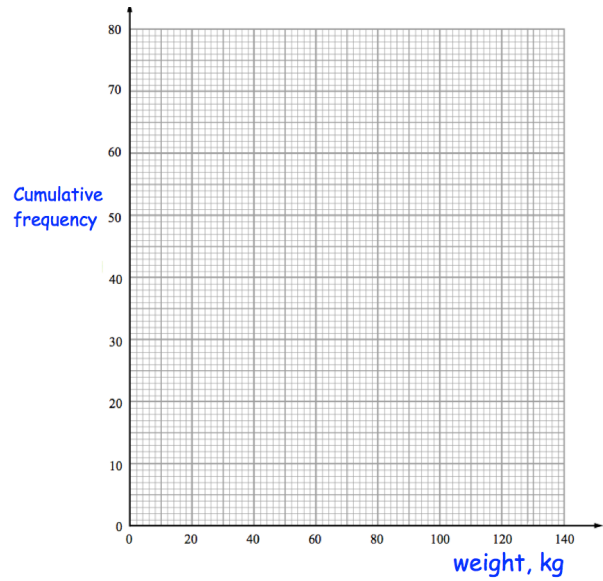


11th August



Corbettmaths

Weight, w kg	Cumulative frequency
$0 < w \leq 20$	2
$0 < w \leq 40$	6
$0 < w \leq 60$	15
$0 < w \leq 80$	36
$0 < w \leq 100$	58
$0 < w \leq 120$	73
$0 < w \leq 140$	80



Draw a cumulative frequency graph for this information.

Offer 1
30% extra free

Offer 2
30% off the price

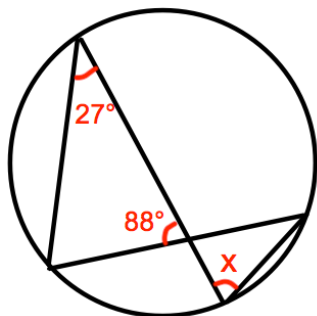
Offer 3
Buy one get one half price

Which offer is best value for money?

There are 3 different offers on jars of coffee.
The jar usually contains 500g of coffee.

Solve

$$\frac{x + 11}{2x - 5} = 2$$



Find x