

$$t(t - 4) + 3(t - 4) = 0$$

$$(t + 3)(t - 4) = 0$$

Hence, $t = 4$ hrs ($t = -3$ is rejected as time can't be negative)

$$\text{Hence, Current average speed of car} = \frac{132}{t-1} = \frac{132}{4-1} = \frac{132}{3} = 44 \text{ km/h}$$

33. A life insurance agent found the following data for distribution of ages of 100 policy holders. Draw a "Less than type ogive" for the given data:

Age (in years)	Number of policyholders (cumulative frequency)
Below 20	2
Below 25	6
Below 30	24
Below 35	45
Below 40	78
Below 45	89
Below 50	100

Solution:

To draw Less than type cumulative frequency curve, we first prepare the following table

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