whe	$\mathbf{re} \ k$ is a constant.
(a)	Given that the mean of these 40 values of $x$ is 34, find the value of $k$ . [2]
<b>(b)</b>	Find the variance of these 40 values of v
<b>(b)</b>	Find the variance of these 40 values of $x$ . [2]
(b)	Find the variance of these 40 values of $x$ . [2]
<b>(b)</b>	Find the variance of these 40 values of x. [2]
(b)	Find the variance of these 40 values of x. [2]
(b)	

 $\Sigma(x-k) = 520, \qquad \Sigma(x-k)^2 = 9640,$ 

A summary of 40 values of x gives the following information:

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