

- 2 For 40 values of the variable  $x$ , it is given that  $\Sigma(x - c)^2 = 3099.2$ , where  $c$  is a constant. The standard deviation of these values of  $x$  is 3.2.

(i) Find the value of  $\Sigma(x - c)$ . [3]

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(ii) Given that  $c = 50$ , find the mean of these values of  $x$ . [1]

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