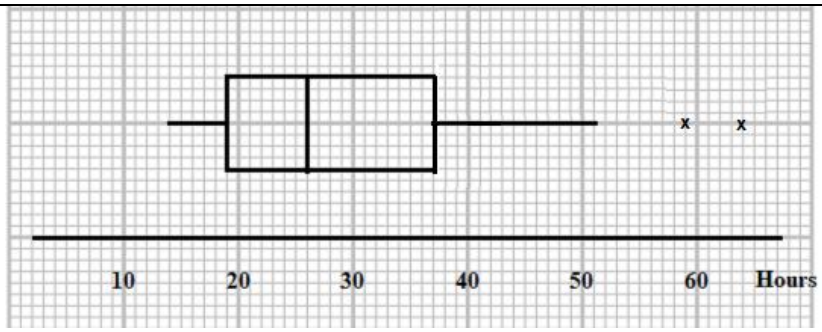
Question Number	Scheme	Marks
1(a)	$w = 8$	B1
	$x = 19$	B1
	$y = 37$	B1
		(3)
(b)	$"37"+1\times("37"-"19")$ [= 55]	M1
	59 and 64	A1ft
		(2)
(c)		M1 A1ft A1ft
		(3)
(d)	$\dfrac{("37"-26)-(26-"19")}{("37"-"19")}$	M1
	= 0.22 (to 2 sf)	A1
		(2)
(e)	E.g. 'The mean uses all the data'	B1
		(1)
		Total 11

		Notes
(a)	**B1B1B1**	Cao May be seen in table before part (a). $w = 28$ is first B0.
(b)	**M1**	Calculation for the outliers using their lower quartile and upper quartile. Allow "their upper quartile" + "their IQR" for this mark i.e. 37 + 18
	A1ft	For identifying 59 and 64 as outliers from correct working. Ft the identification of outlier(s) (if any) from "their 55" from their shown calculation. Answer only is M0A0.
(c)	**M1**	For a box with at least one whisker drawn
	A1ft	14 for lowest whisker, 26 for median, "19" and "37" plotted for quartiles ft their values for quartiles
	A1ft	Upper whisker at 51 or "their 51" **plus** "their outliers" plotted but there must be at least one outlier for this mark. Condone upper whisker at "their 55". NB award A0 if there is more than one whisker at either end
(d)	**M1**	For substituting their values into the formula
	A1	Allow awrt 0.22 (allow $\frac{2}{9}$ or $0.\dot{2}$)
(e)	**B1**	A correct reason which supports *Landacre*'s use of the mean or rejects their use of the median. Allow comment relating to (slight) positive skew so mean > median so *Landacre* will know the larger average they will have to pay. Comments about skewness/symmetry on their own score B0. Mean includes the outliers is B1. Condone Median is not affected by the outliers for B1. Mean is more accurate is B0.