3 The following back-to-back stem-and-leaf diagram represents the monthly salaries, in dollars, of 27 employees at each of two companies, *A* and *B*.

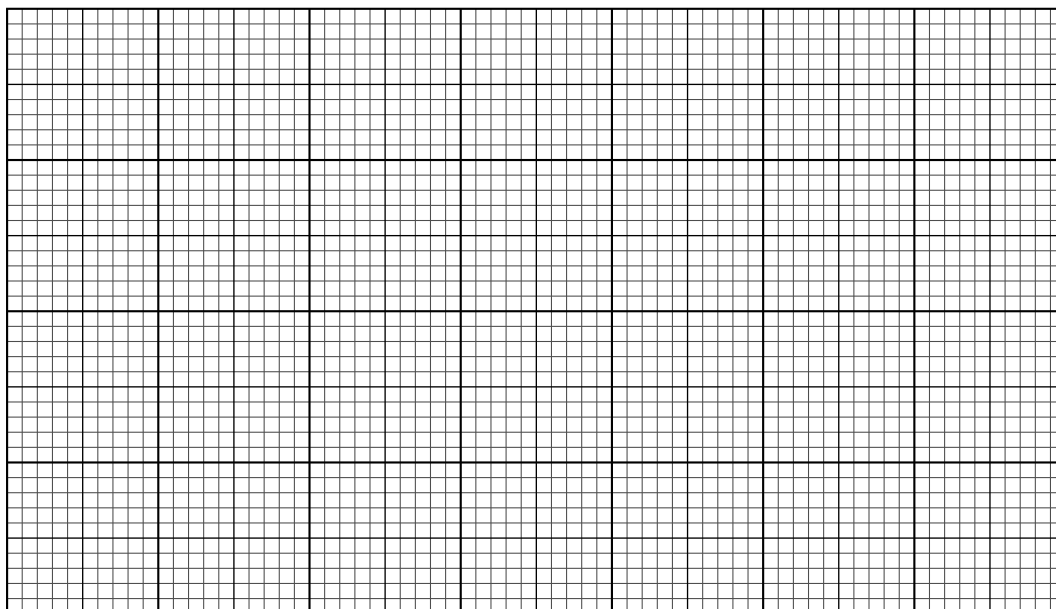| Company *A*			Company *B*
5 4 1 1 0	25	4 4 5 6 6 7
9 9 8 7 2 1 0	26	0 1 3 5 5 7 9 9
8 6 4 2 1 0	27	1 3 4 6 6 8 8
6 5 4 2 0	28	0 1 2 2 2
9 8 5	29	
1	30	9

Key: 1 | 27 | 6 means $2710 for company *A* and $2760 for company *B*

(a) Find the median and the interquartile range of the monthly salaries of employees in company *A*. [3]

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The lower quartile, median and upper quartile for company B are \$2600, \$2690 and \$2780 respectively.

(b) Draw two box-and-whisker plots in a single diagram to represent the information for the salaries of employees at companies A and B. [3]

(c) Comment on whether the mean would be a more appropriate measure than the median for comparing the given information for the two companies. [1]

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