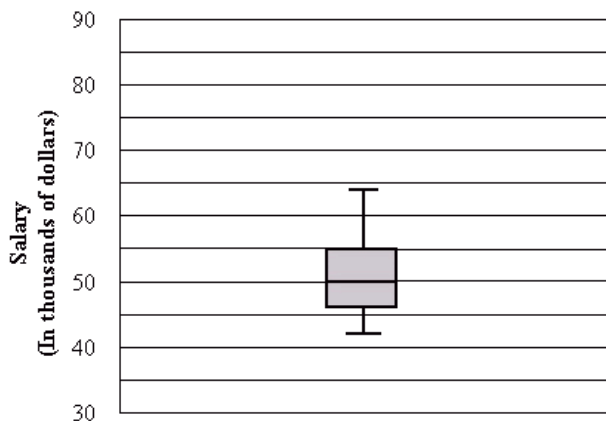


Teacher salaries

This task asks questions about a box-and-whisker graph.

Here is a box-and-whisker plot of the salaries of 48 new graduates at Bluntley High School.

Salaries of new graduates at Bluntley High School



- a) What is the median salary? \$ _____
- b) How many of the 48 staff have salaries below \$46 000? _____
- c) The inter-quartile salary range for the staff is \$ _____.
- d) Another staff member has a salary of \$82 000.
- i) Plot this point with an asterisk (*) directly above the whisker of the graph.
- ii) This point is called an "outlier".
Give a likely reason why this point is an outlier.
