

**STUDY LINK**  
**1•5a**

# Box Plots



The tables below show the number of automobiles sold each month at two dealerships. Find the data landmarks and measures of spread for each data set.

Main Street Autos											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
27	25	30	38	41	45	36	36	34	32	34	28

Park Road Cars											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
22	30	33	35	36	36	37	42	37	39	27	35

**1. Main Street Autos**

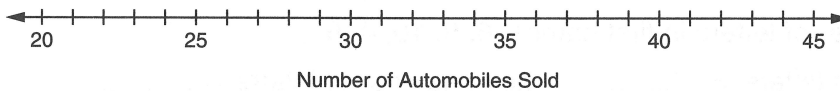
- a. Maximum: \_\_\_\_\_
- b. Minimum: \_\_\_\_\_
- c. Range: \_\_\_\_\_
- d. Median: \_\_\_\_\_
- e. Lower quartile: \_\_\_\_\_
- f. Upper quartile: \_\_\_\_\_
- g. Interquartile range: \_\_\_\_\_

**2. Park Road Cars**

- a. Maximum: \_\_\_\_\_
- b. Minimum: \_\_\_\_\_
- c. Range: \_\_\_\_\_
- d. Median: \_\_\_\_\_
- e. Lower quartile: \_\_\_\_\_
- f. Upper quartile: \_\_\_\_\_
- g. Interquartile range: \_\_\_\_\_

**3. Construct and label a box plot for each set of sales data.**

Monthly Auto Sales



**4. Use the box plots to compare the sales at the two dealerships.**

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