

Name _____

Date _____

Statistics and Probability
Unit 1 Line Master 2

How Can You Misrepresent Data?

An ice-cream truck sold ice-cream cones in a neighbourhood for one week.

The data show the number of cones sold each day.



Day	Number sold
Monday	40
Tuesday	50
Wednesday	56
Thursday	61
Friday	58
Saturday	71
Sunday	76

Create three graphs:

Graph A: an accurate graph that represents the data correctly

Graph B: a graph that misrepresents the data

Graph C: a different graph that also misrepresents the data

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How Can You Misrepresent Data? (cont'd)

What did you do to misrepresent the data?

How may your graphs be misinterpreted?