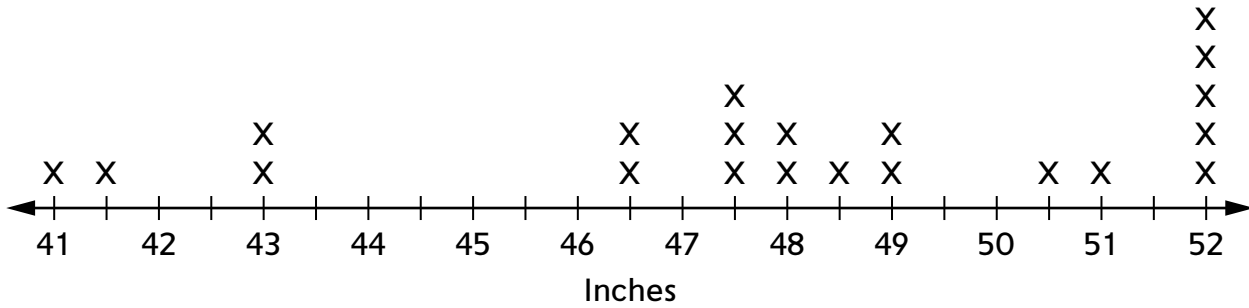
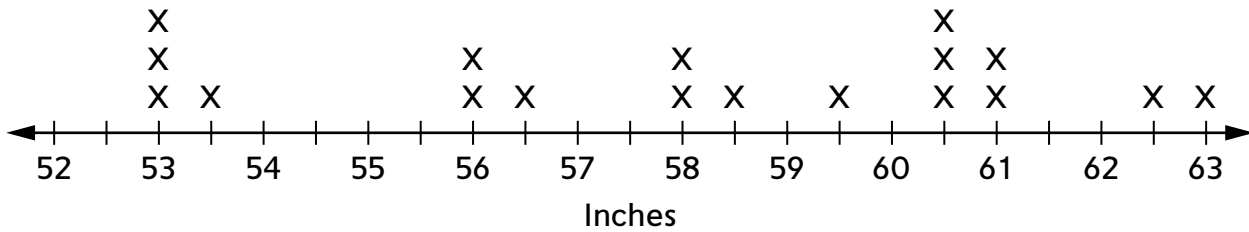


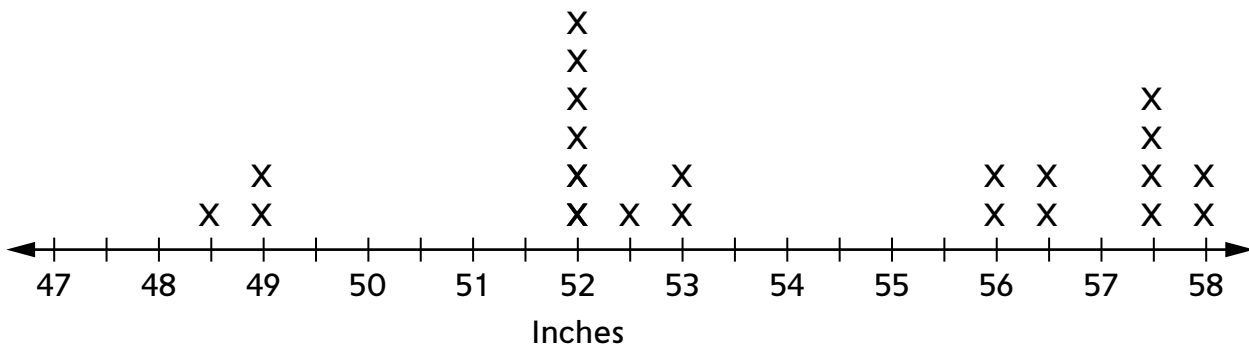
Emperor Penguin Heights



Chimpanzee Heights



Red Kangaroo Heights



Using a Line Plot to Even Out Data

Lesson 6-5

DATE

TIME

SRB
109, 187,
247-248

Use the data in the line plot on journal page 208 to find the typical height of a(n)

_____. **Answers vary.**
(name of animal)

Answer these questions to help you find the animal's typical height. Show your work in the space below.

- 1 What is the combined total of all the measurements shown on your animal's line plot?
1,008 inches
(emperor penguin); 1,044 (chimpanzee); 1,188 (red kangaroo)
- 2 How many data points are shown on the line plot? 21 data points
(emperor penguin); 18 (chimpanzee); 22 (red kangaroo)
- 3 Write a number model that shows how to even out the data to find the typical height of your animal. (Use your answers to Problems 1 and 2.)
 $1,008 \div 21 = p$ (emperor penguin);

$$1,044 \div 18 = c \text{ (chimpanzee); } 1,188 \div 22 = k \text{ (red kangaroo)}$$

chimpanzee: 58 inches
red kangaroo: 54 inches

- 4 The typical height of a(n) emperor penguin is about 48 inches.
(name of animal)
- 5 Fill in the name of your animal and circle the word that completes the sentence based on what you found out. **Answers vary.**

A typical _____ is **taller shorter** than a typical fifth grader.
(name of animal) (circle one)