Lesson 3 Practice Problems

1. Match histograms A through E to dot plots 1 through 5 so that each match represents the same data set.

A

B

C

D

E

1

2

3

4

5

Accelerated 6 Unit 8
Lesson 3

CC BY Open Up Resources. Adaptations CC BY IM.

1
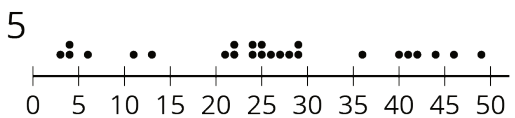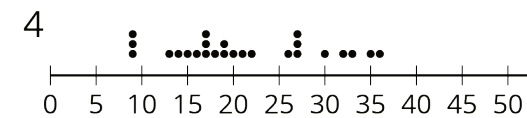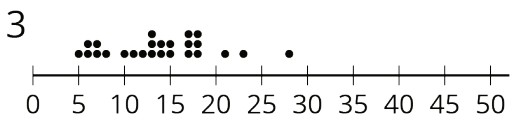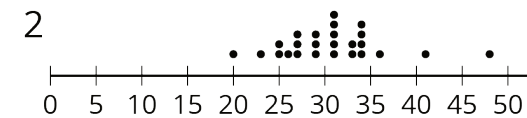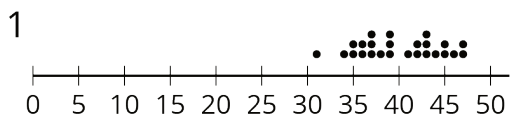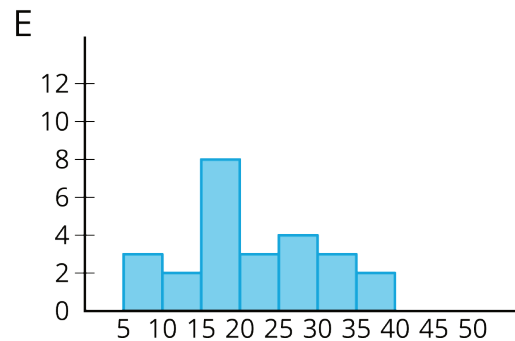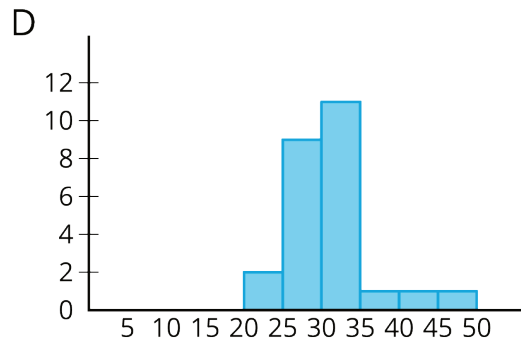
2. Here is a histogram that summarizes the lengths, in feet, of a group of adult female sharks. Select **all** the statements that are true, according to the histogram.

length in feet

A. A total of 9 sharks were measured.

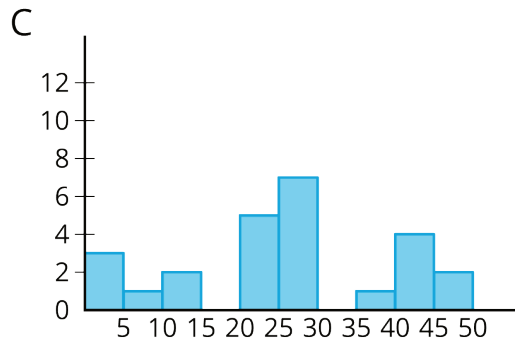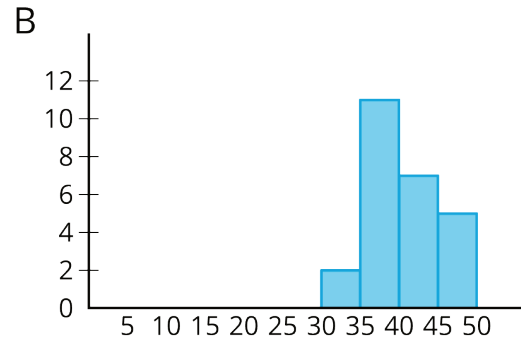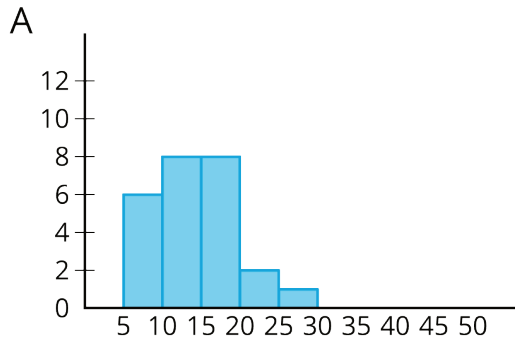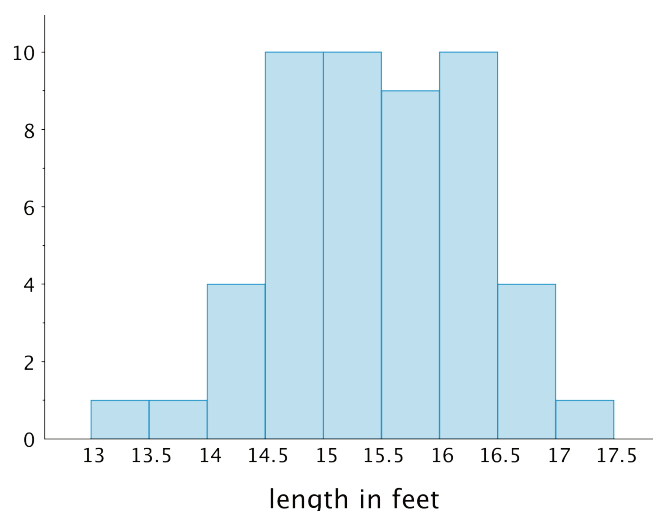B. A total of 50 sharks were measured.

C. The longest shark that was measured was 10 feet long.

D. Most of the sharks that were measured were over 16 feet long.

E. Two of the sharks that were measured were less than 14 feet long.

3. This table shows the times, in minutes, it took 40 sixth-grade students to run 1 mile.

time (minutes)	frequency
4 to less than 6	1
6 to less than 8	5
8 to less than 10	13
10 to less than 12	12
12 to less than 14	7
14 to less than 16	2

Draw a histogram for the information in the table.

Accelerated 6 Unit 8
Lesson 3

CC BY Open Up Resources. Adaptations CC BY IM.

2

4. Order these numbers from greatest to least: -4, $\frac{1}{4}$, 0, 4, $-3\frac{1}{2}$, $\frac{7}{4}$, $-\frac{5}{4}$

(From Unit 7, Lesson 3.)

Accelerated 6 Unit 8
Lesson 3

CC BY Open Up Resources. Adaptations CC BY IM.

3