## Unit 8 Lesson 6 Cumulative Practice Problems

1. Match histograms A through E to dot plots 1 through 5 so that each match represents the same data set.
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* 
1. $(-2,3)$ is one vertex of a square on a coordinate plane. Name three points that could be the other vertices.
* (From Unit 7, Lesson 12.)
1. 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.
* 
	1. A total of 9 sharks were measured.
	2. A total of 50 sharks were measured.
	3. The longest shark that was measured was 10 feet long.
	4. Most of the sharks that were measured were over 16 feet long.
	5. Two of the sharks that were measured were less than 14 feet long.
1. 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.



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