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Question 2

A professor asked her students to report how much time they spent completing a take-home exam. The minimum time reported was half an hour, and the maximum was six and a half hours. She compiled the data into a relative frequency table, shown below. Note that one value is missing.

Time Spent on Exam	Relative Frequency
Less than 1 hr	20%
At least 1 hr, but less than 2 hrs	20%
At least 2 hrs, but less than 3 hrs	
At least 3 hrs, but less than 4 hrs	15%
At least 4 hrs, but less than 5 hrs	15%
At least 5 hrs, but less than 6 hrs	10%
At least 6 hrs, but less than 7 hrs	5%

(4/4 points)

2a. A total of 6 students reported that they worked on the take-home exam for 5 hours or longer. What is the total number of students that reported their time?

1 of 3 11/26/2014 03:13 PM 40

40

Help

2b. How many students spent **fewer** than 3 hours completing the take-home exam?

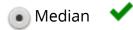
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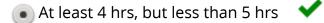
2c. If the professor wanted to report the center of this distribution, which measure of center should she use?

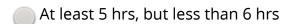






2d. Which bin includes the value of Q3?





At least 6 hrs, but less than 7 hrs

Check

Show Answer





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