

Heart rates — 1-variable statistics

Name _____

Date _____



Problem

What do you think the average heart rate is for someone your age? What about after exercising?

Procedure

1. Use this table to record your class or group data (resting).

| Heartbeats per minute (resting) | Frequency |
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2. What is the class (group) average? _____
3. Answer the following questions from the data:
 - a. What is the total number of heartbeats for the minute? Write the symbol and the number from the calculator. _____
 - b. What is the total number of student's heartbeats entered? Write the symbol and the number from the calculator. _____
 - c. How would you compute the average heart rate? _____
Is your answer the same as in question 2? _____

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4. Use this table to record your class or group data (running).

| Heartbeats per minute (running) | Frequency |
|------------------------------------|-----------|
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5. What is the class (group) average? _____

6. Answer the following questions from the data:

- a. What is the total number of heartbeats for the minute? Write the symbol and the number from the calculator. _____

- b. What is the total number of student's heartbeats entered? Write the symbol and the number from the calculator.

- c. How would you compute the average heart rate?

Is your answer the same as in question 5? _____

