Name:
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USE YOUR CALCULATOR to help complete the following investigation.

1. What is the independent value?
2. What is the dependent value?
3. Sketch the graph.
4. What is the slope?
5. Write the equation that models the data best.

| distance <br> $(\mathrm{m})$ | time (s) |
| :---: | :---: |
| 1.5 | 5 |
| 2.6 | 10 |
| 3.5 | 15 |
| 4.2 | 20 |
| 5.6 | 25 |
| 6.3 | 20 |
| 7.5 | 35 |

6. What would the size be after 200.0 s?

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