



<p>34</p> 	<p>Google Executive Sets New Freefall Jump Record</p>	
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Number the paragraphs. Read the article. Summarize the article in 3 sentences.

Select what are in your opinion, the top 3 most important points made in the article. For each point, identify the paragraph and rewrite the words from the article that you think are important. Then explain why you feel that point was important.

Point #1 Paragraph # \_\_\_\_\_

Important words from the article: \_\_\_\_\_

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Below, explain why you felt point #1 was important.

Point #2 Paragraph # \_\_\_\_\_

Important words from the article: \_\_\_\_\_

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Below, explain why you felt point #2 was important.

Point #3 Paragraph # \_\_\_\_\_

Important words from the article: \_\_\_\_\_

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Below, explain why you felt point #3 was important.

In at least 3 sentences, give your reaction to the article.

## Calculations

- 1) The article states that it took Alan Eustace, 2 hours and 7 minutes to climb to an altitude of 41, 575 m. What was his average speed on the way up? Give your answer in m/s (meters per second). Show your calculation.
- 2) Given an acceleration of  $9.8 \text{ m/s}^2$ . What would his speed be when he hit the ground?
- 3) The correct answer for question #2 is almost 3x the 800 mph speed Alan Eustace achieved. Give possible reasons as to why his actual speed was much slower than the speed calculated in question 2.