

A toy car is pushed off a table with height h at speed v_0 . Assume acceleration due to gravity as 9.81 m/s^2 . h is a number with 1 decimal digit selected at random between 1 and 2 meters. v_0 is an integer between 1 and 4 m/s. How long does it take for the car to reach the ground? You should provide the following input methods for students to answer: students should enter the solution using a decimal number. The answer should be in seconds. To calculate the right answer, you should: the answer is computed as $\sqrt{2 * h / g}$ where $g = 9.81 \text{ m/s}^2$

We generated a potential question.

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What needs to be changed?

Adjust question

Question preview

Question source

draft #32

A toy car is pushed off a table with a height of $h = 1.9$ meters at a speed of $v_0 = 4$ m/s. How long does it take for the car to reach the ground?

Time to reach the ground (s) =



Save & Grade

Save only

New variant