

Science Toolkit: Grade 8 Objective 1.A.1.h

Student Handout: Science: Grade 8 Objective 1.A.1.h

Standard 1.0 Skills and Processes

Topic A. Constructing Knowledge

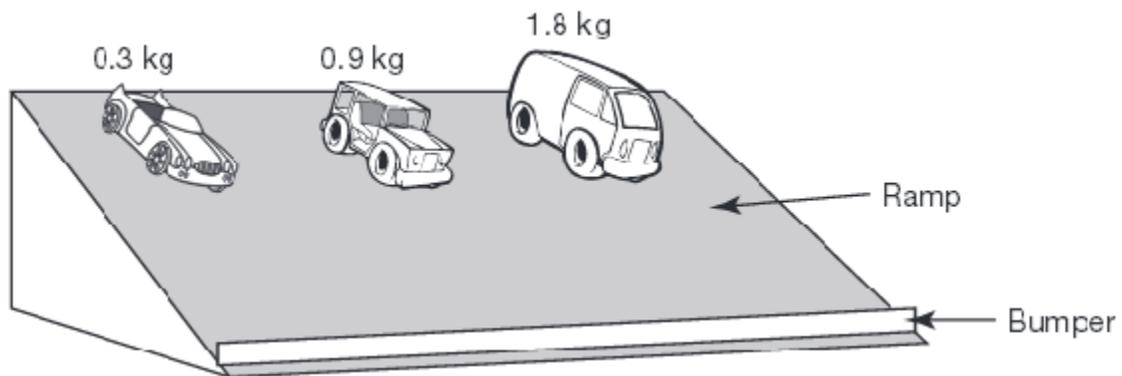
Indicator 1. Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.

Objective h. Use mathematics to interpret and communicate data.

Selected Response (SR) Item

Question

Gravity pulled three toy cars of different masses down an inclined ramp. The toy cars hit a bumper at the bottom of the ramp.



What is the ratio of the masses of the toy cars?

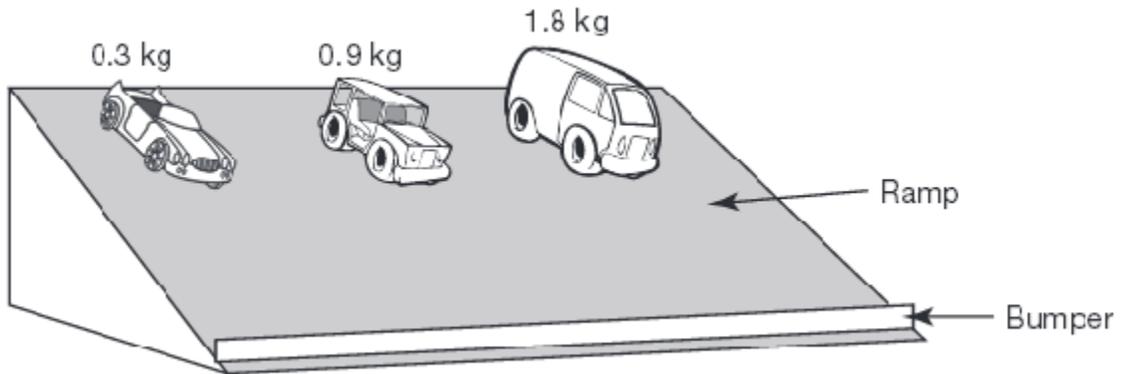
- A. 1:2:3
- B. 1:3:6
- C. 1:6:12
- D. 1:9:18

Correct Answer

B. 1:3:6

Question

Gravity pulled three toy cars of different masses down an inclined ramp. The toy cars hit a bumper at the bottom of the ramp.



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- B. 1:3:6
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