

Grade 4 Science Sample Items

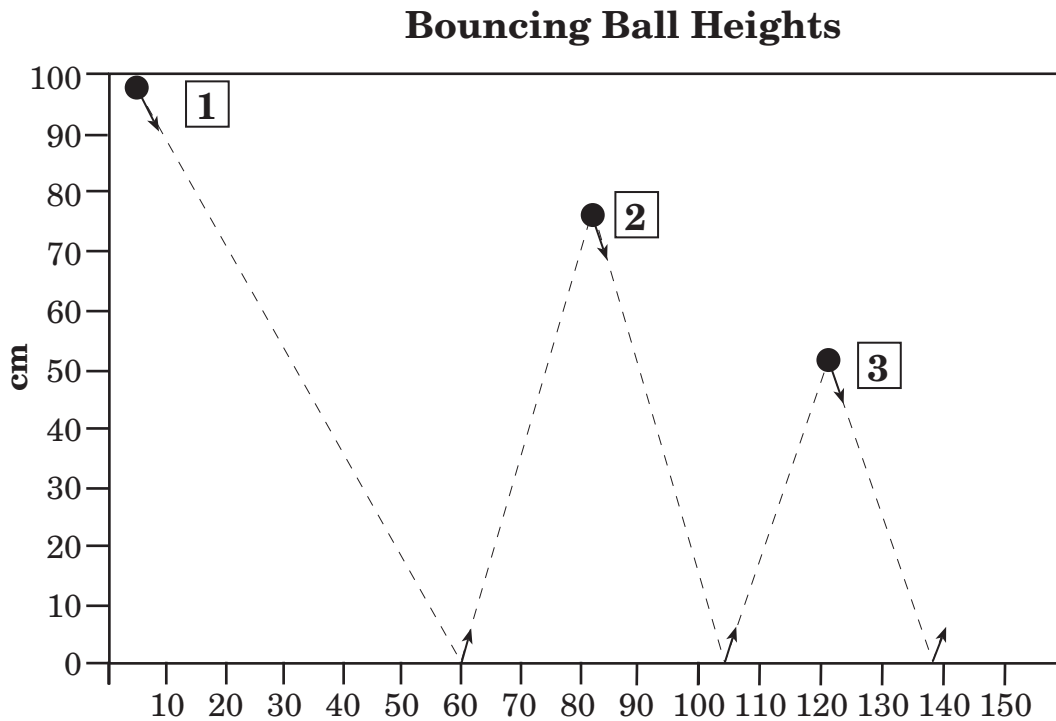
1. Objective: 2.02
Thinking Skill: Knowledge

How are rocks and minerals related?

- A They look alike.
- B They are the same thing.
- C Minerals are made of rocks.
- * D Rocks are made of minerals.

2. Objective: 4.02
Thinking Skill: Analyzing

A student throws a ball to the ground and it bounces several times.

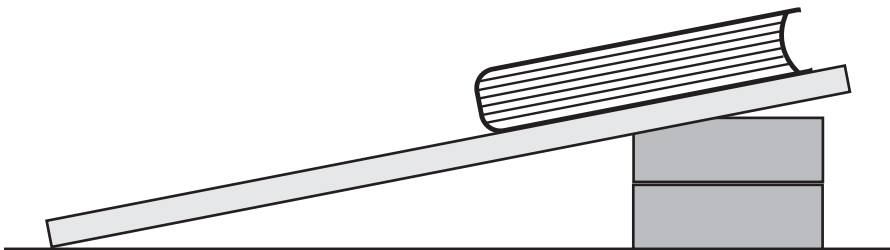


Which statement *best* describes the ball's movement?

- A The distance between bounces increases as the bounce height decreases.
- * B The distance between bounces decreases as the bounce height decreases.
- C The distance between bounces decreases as the bounce height stays the same.
- D The distance between bounces stays the same as the bounce height increases.

3. Objective: 4.05
Thinking Skill: Evaluating

A book is placed at the top of a ramp made from a board.



In order to cause the book to slide down the ramp, how should the ramp be changed?

- A Make it longer.
- B Make it rougher.
- * C Make it steeper.
- D Make it wider.