

6th Grade Science

ISTEP Practice

eLearning Day #1

DIRECTIONS: *Print off and complete the following questions. If you do not have access to a printer, answer the following question(s) on a separate sheet of paper.*

1. Jenna rolled a small glass marble and a large glass marble down a ramp at the same time to see if the large marble would roll further than the small one. She repeated this investigation four times. The table below shows her results.

**Distances Rolled by
Marbles of Different Sizes**

Trial	Small Marble (centimeters)	Large Marble (centimeters)
1	305	300
2	306	304
3	299	309
4	301	298

Which statement CORRECTLY describes information found in Jenna's table?

- A. The small marble rolled further than the large marble in trials 2 and 3.
 - B. The large marble rolled further than the small marble in trial 1 and 4.
 - C. The difference in distances rolled by the marble is less than 8 centimeters.
 - D. The difference in distances rolled by the large marble is less than 8 centimeters.
2. Snakes feed on mice. The mice eat grain crops. When the crops are plentiful, what will happen?
- A. The mouse population will decrease.
 - B. The snake population will increase.
 - C. The snake population will decrease.
 - D. The mouse population will not change.

