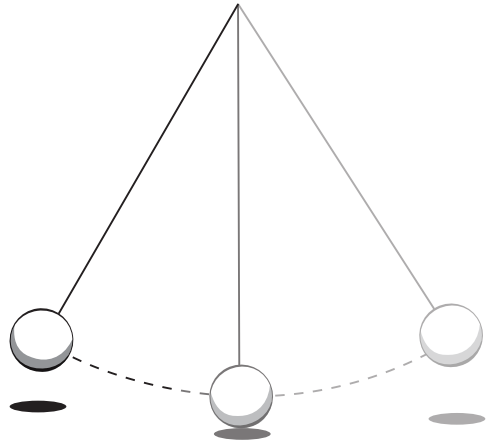


The Swinging Pendulum

Gusti made a pendulum by tying a string to a small bob. He pulled the bob back and counted the number of swings the pendulum made in 30 seconds. He wondered what he could do to increase the number of swings made by the pendulum. If Gusti can change only one thing to make the pendulum swing more times in 30 seconds, what should he do? Circle what you think will make the pendulum swing more times.



- A** Lengthen the string.
- B** Shorten the string.
- C** Change to a heavier bob.
- D** Change to a lighter bob.
- E** Pull the bob back farther.
- F** Don't pull the bob back as far.
- G** None of the above. All pendulums swing the same number of times.

Explain your thinking. What rule or reasoning did you use to select your answer?
