



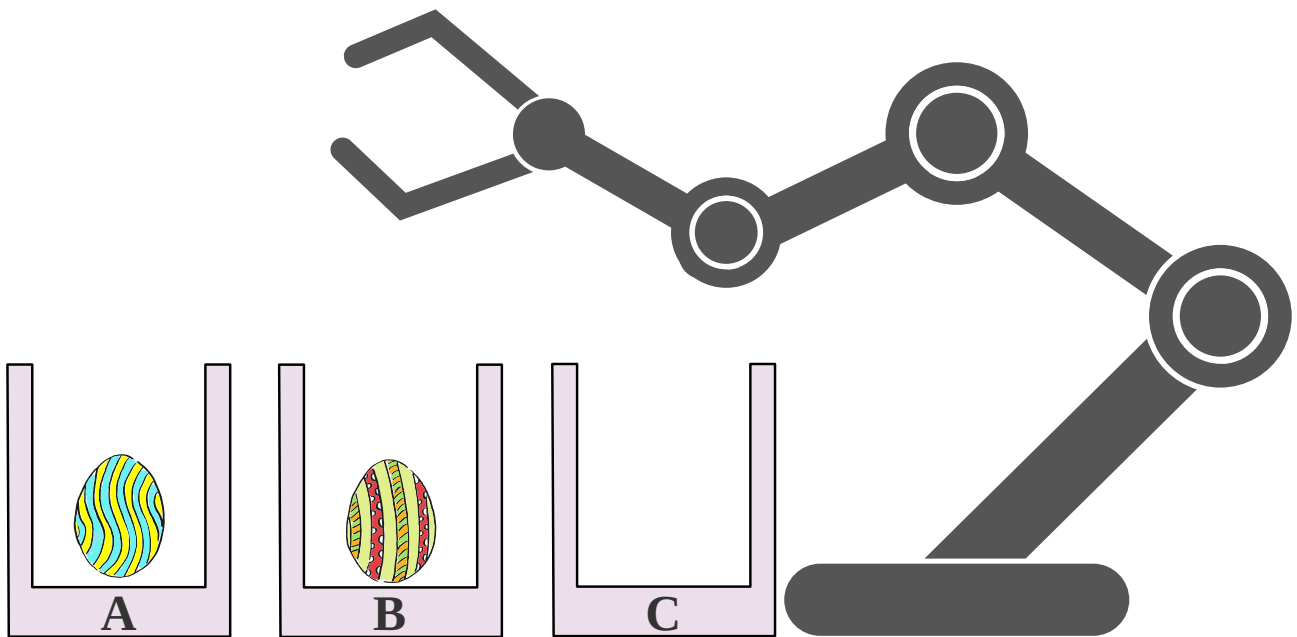
Egg robot



A robot arm can transfer Easter eggs between three boxes.

One egg is in box A and another is in box B.

Box C is empty.



Then the robot arm completes the following steps in the order given:

1. Pick up the egg in box A and put it in box C.
2. Pick up the egg in box B and put it in box A.
3. Pick up the egg in box C and put it in box B.

QUESTION

When the robot arm is finished, which of the following statements is true?

- A.** The egg originally in box A is now in box B, and the egg originally in box B is now in box A.
- B.** Both eggs are in box A.
- C.** Box A is empty.
- D.** Nothing has changed. Each egg is back in its original box.

