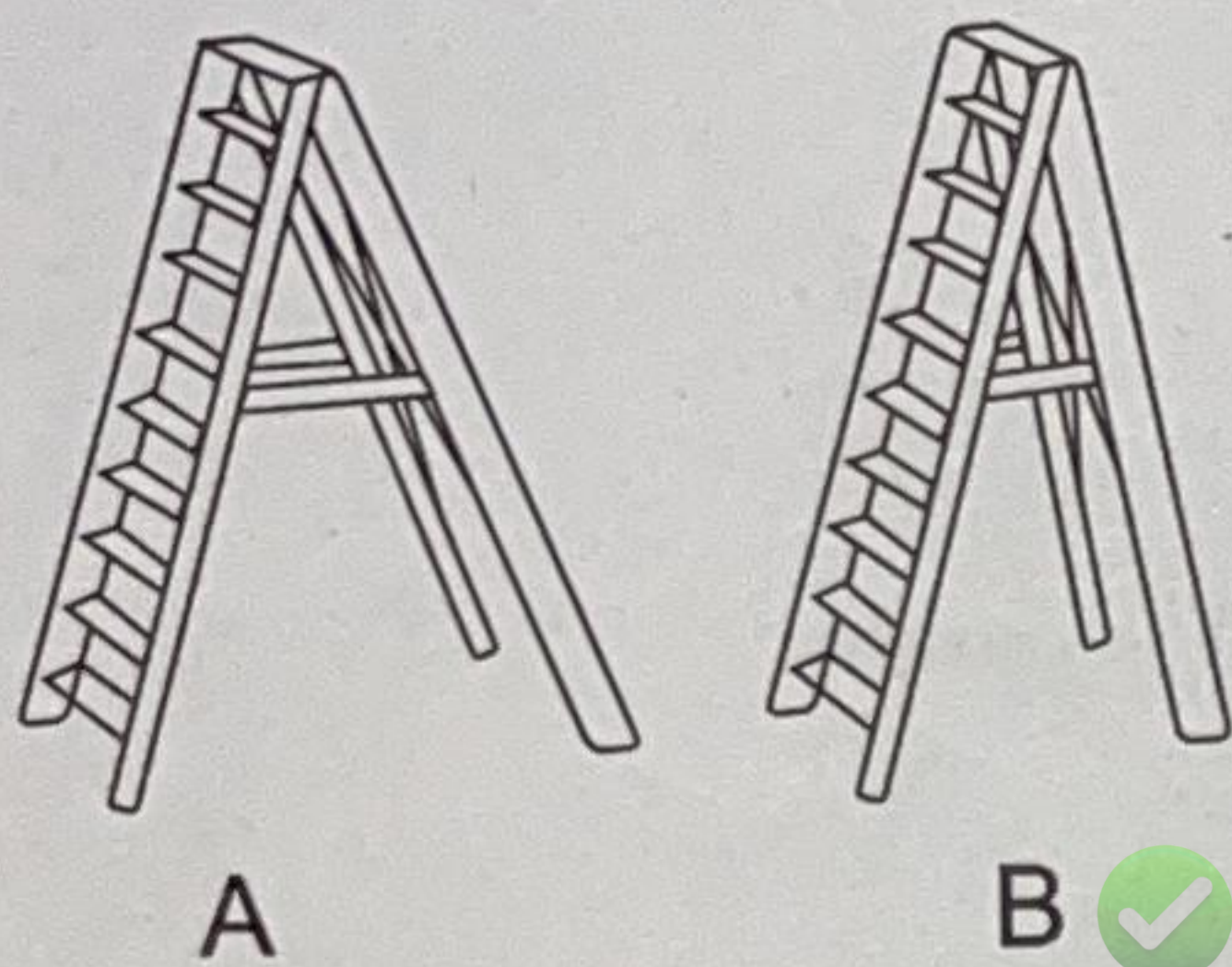


PERSONALITY TEST

MECHANICAL APTITUDE TEST (MAT)

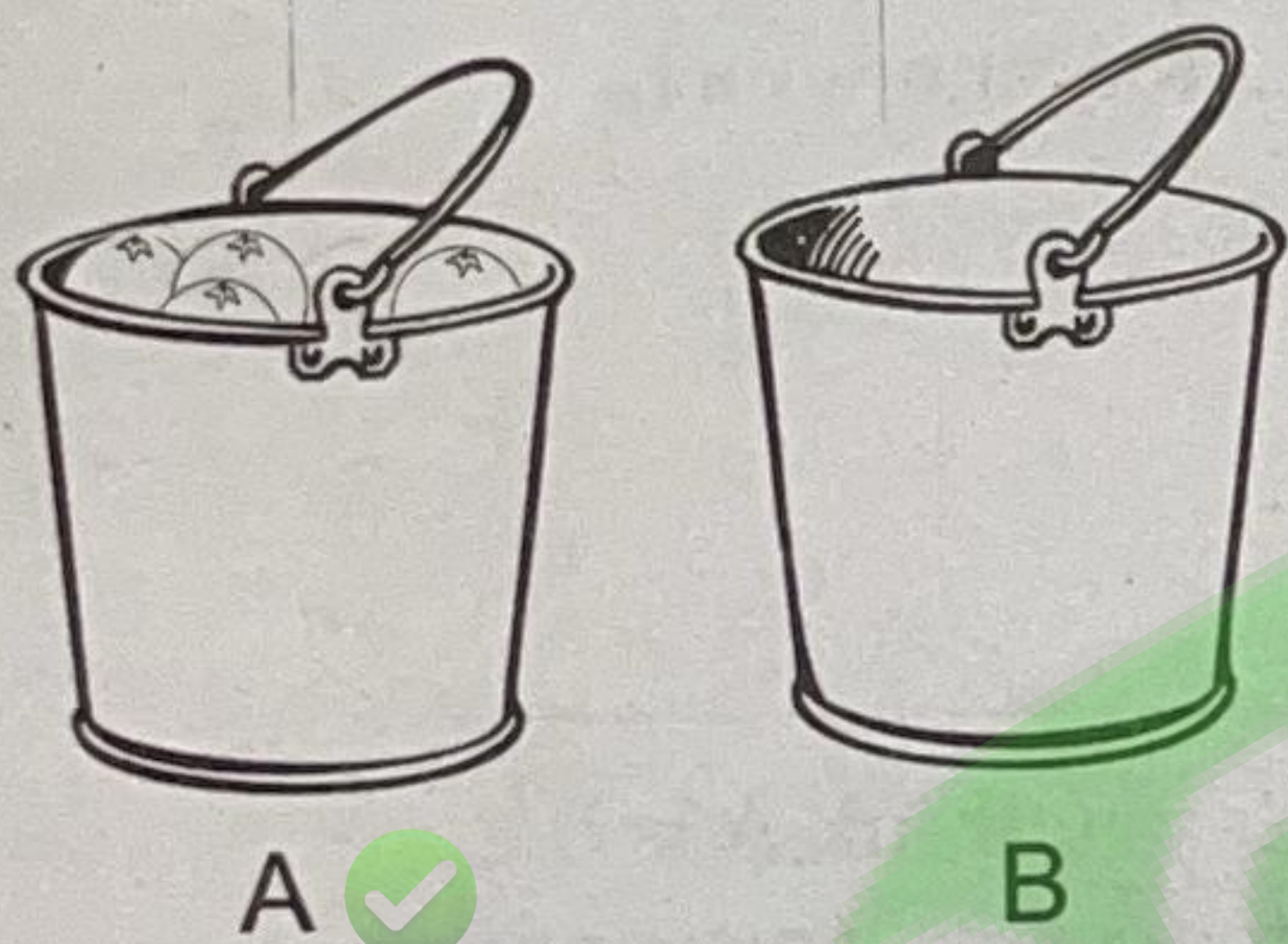
1. Which stair can fall down easily? If both can fall with equal ease encircle C as your answer.

ABC



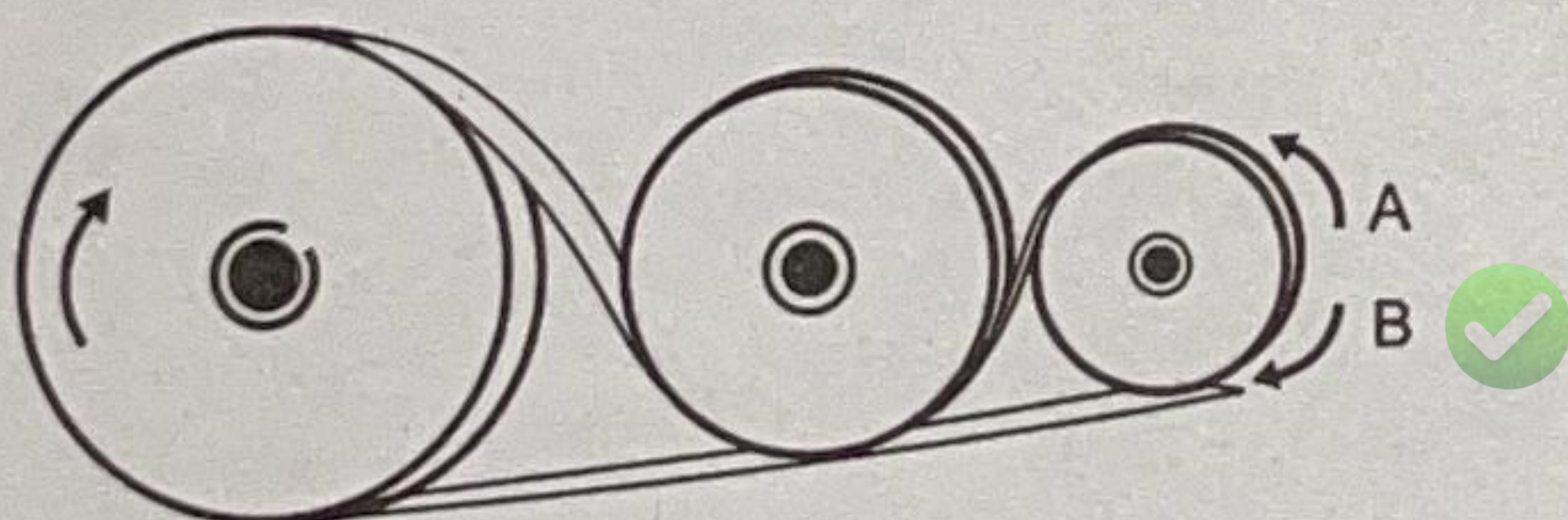
2. Which weighs more?

ABC



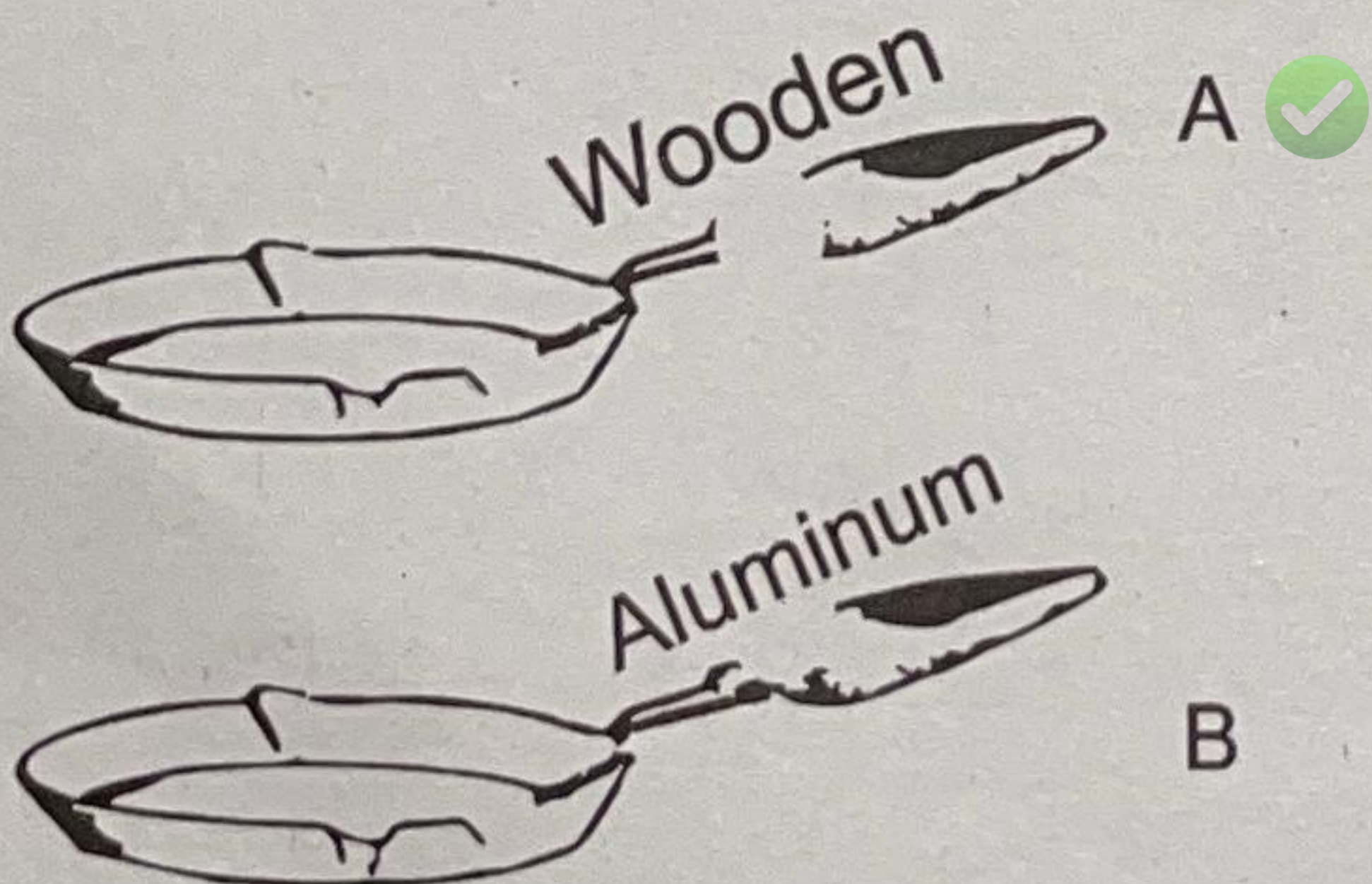
3. If the bigger wheel moves in the direction of arrow, which way will the smallest wheel move?

ABC



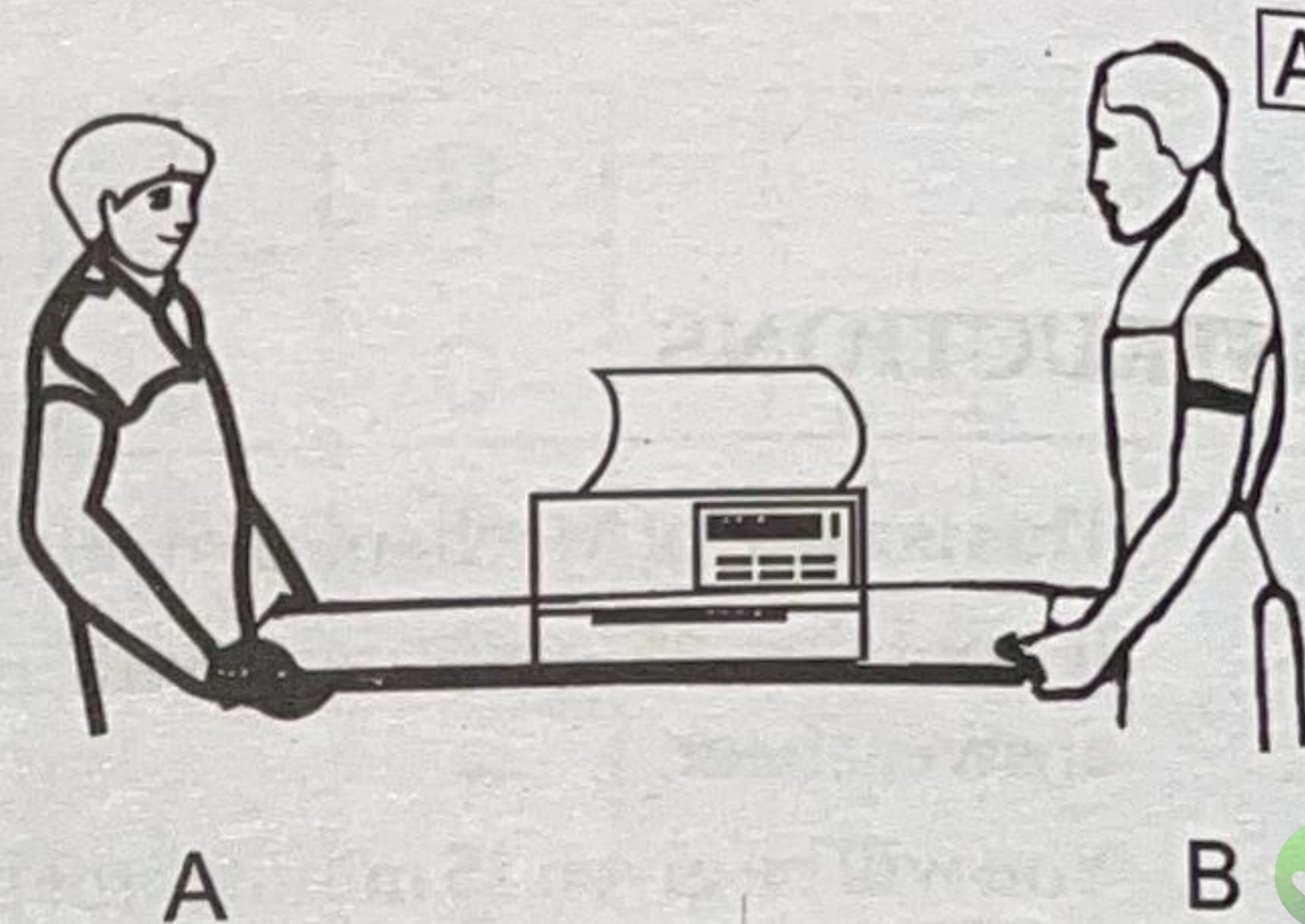
4. Which frying pan will be easier to handle?

ABC



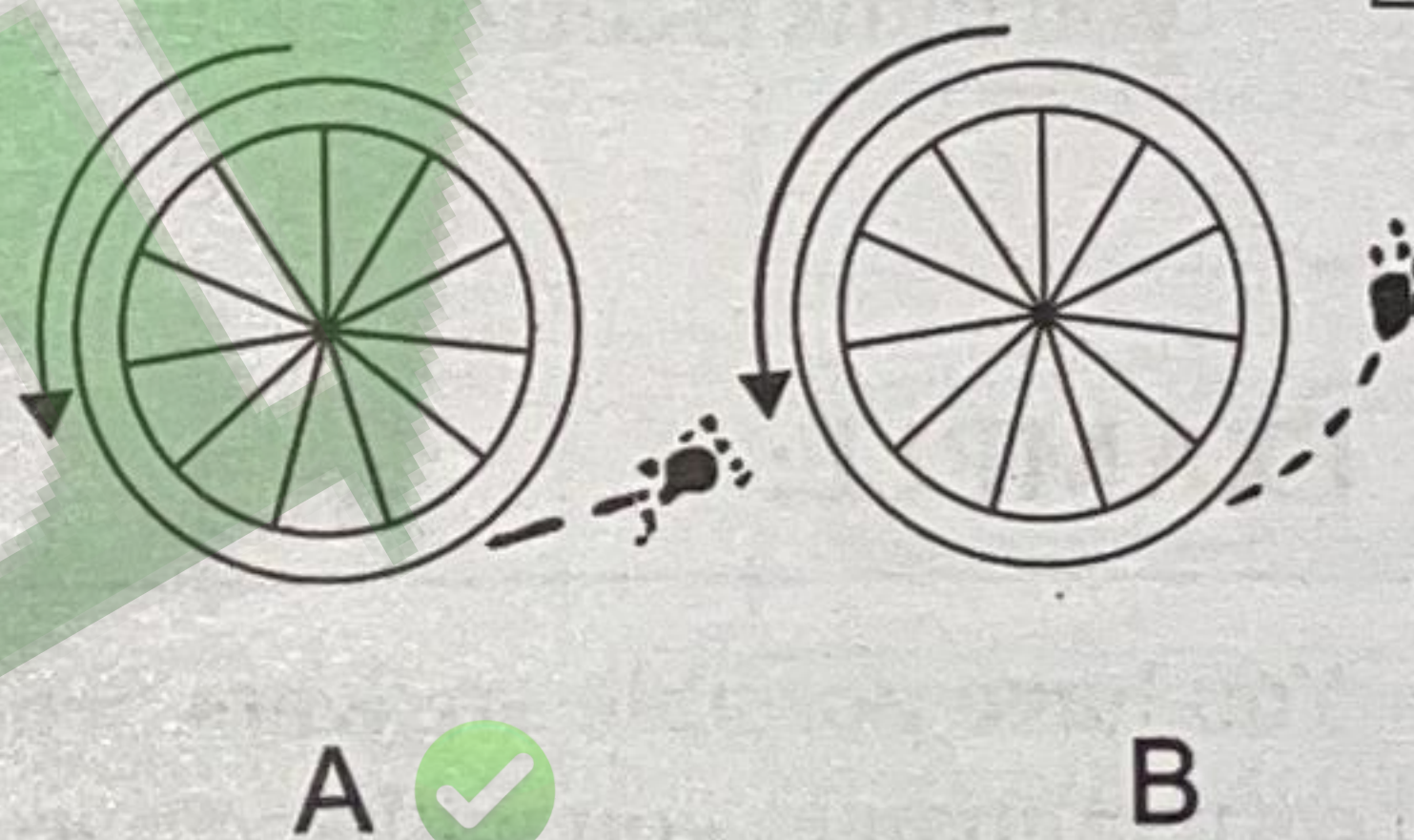
5. Which man has the heavier load? If equal mark C.

ABC



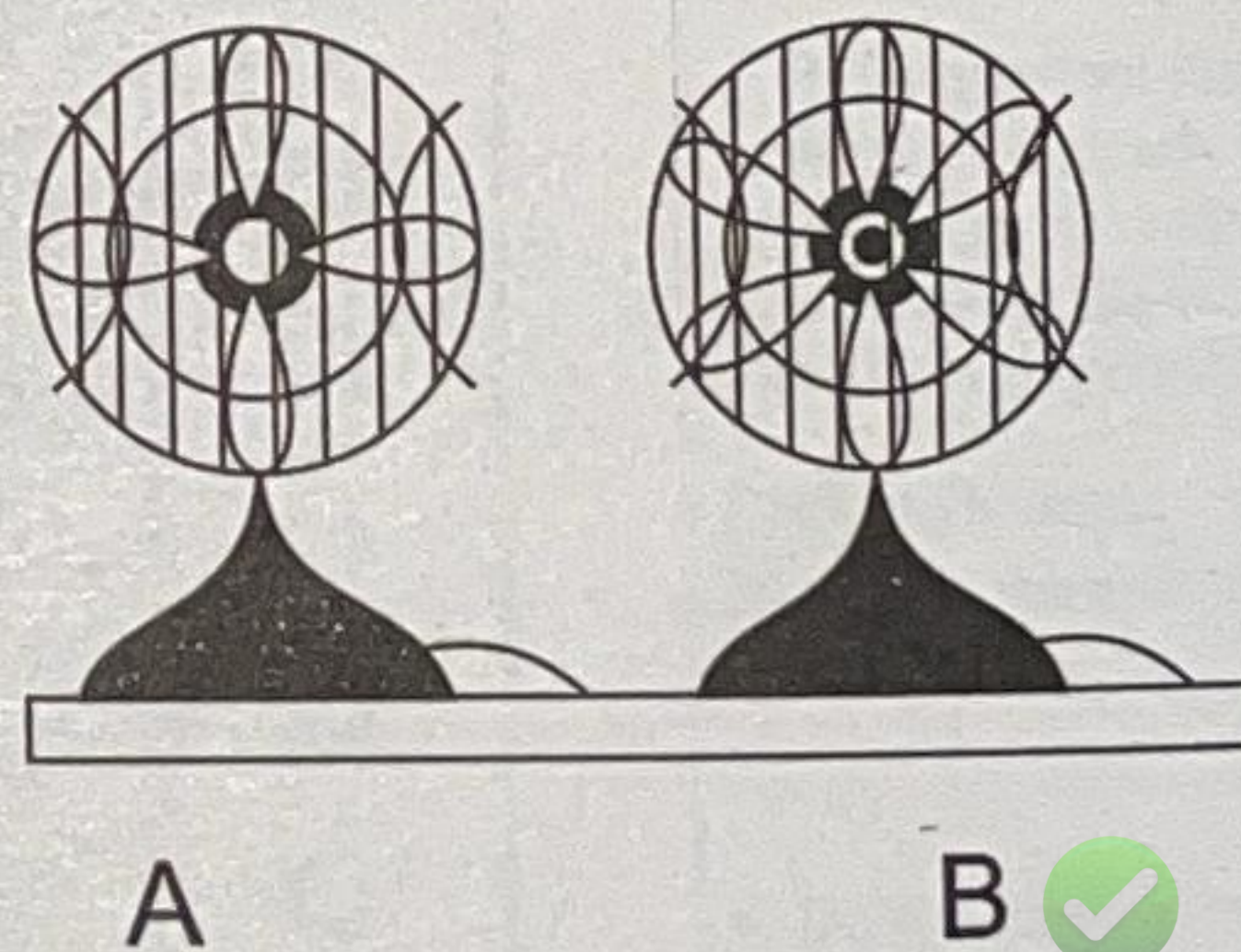
6. Which picture shows how mud slings from the wheel of a bicycle?

ABC



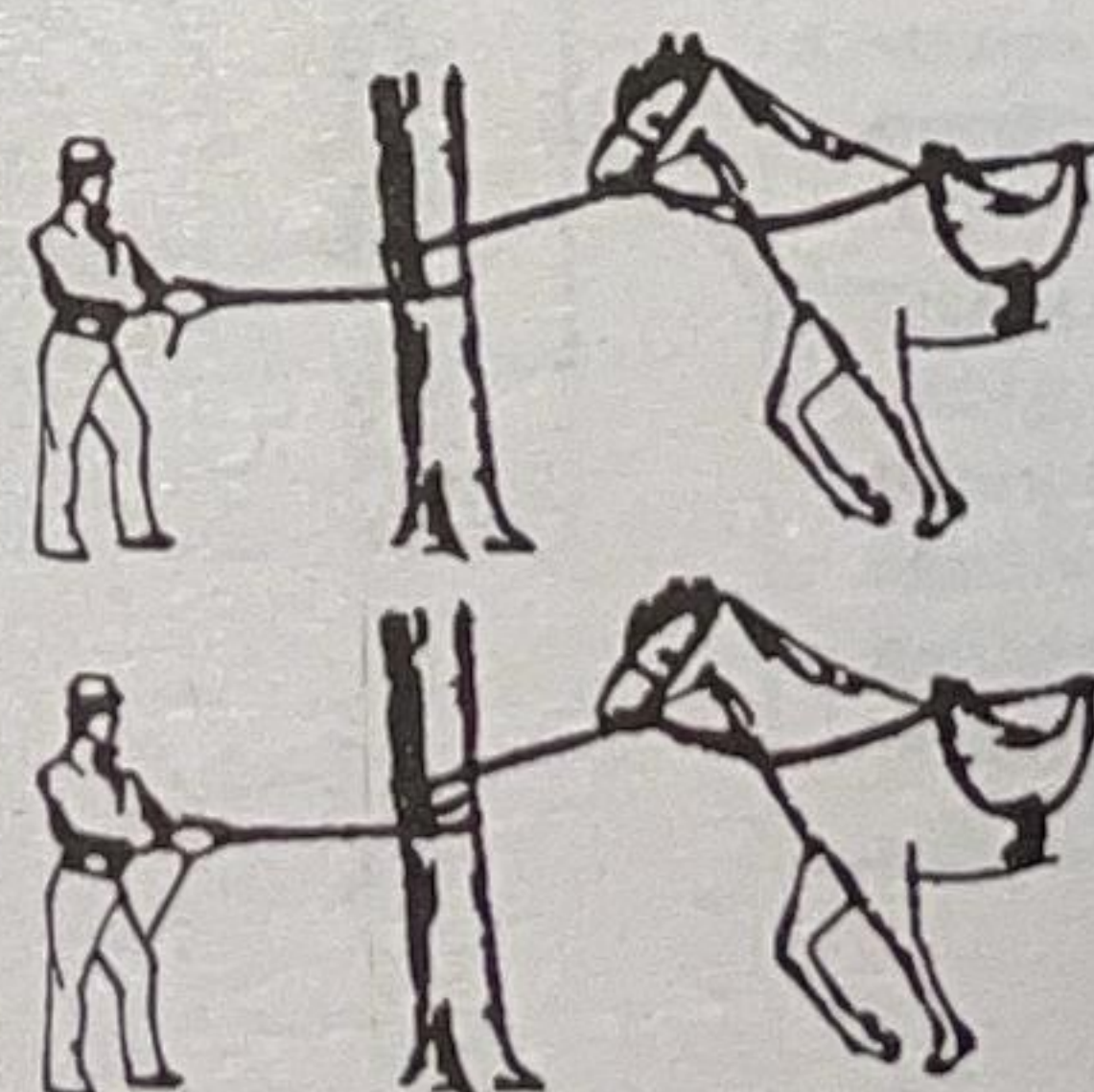
7. Which fan needs the more powerful motor? If equal mark c.

ABC

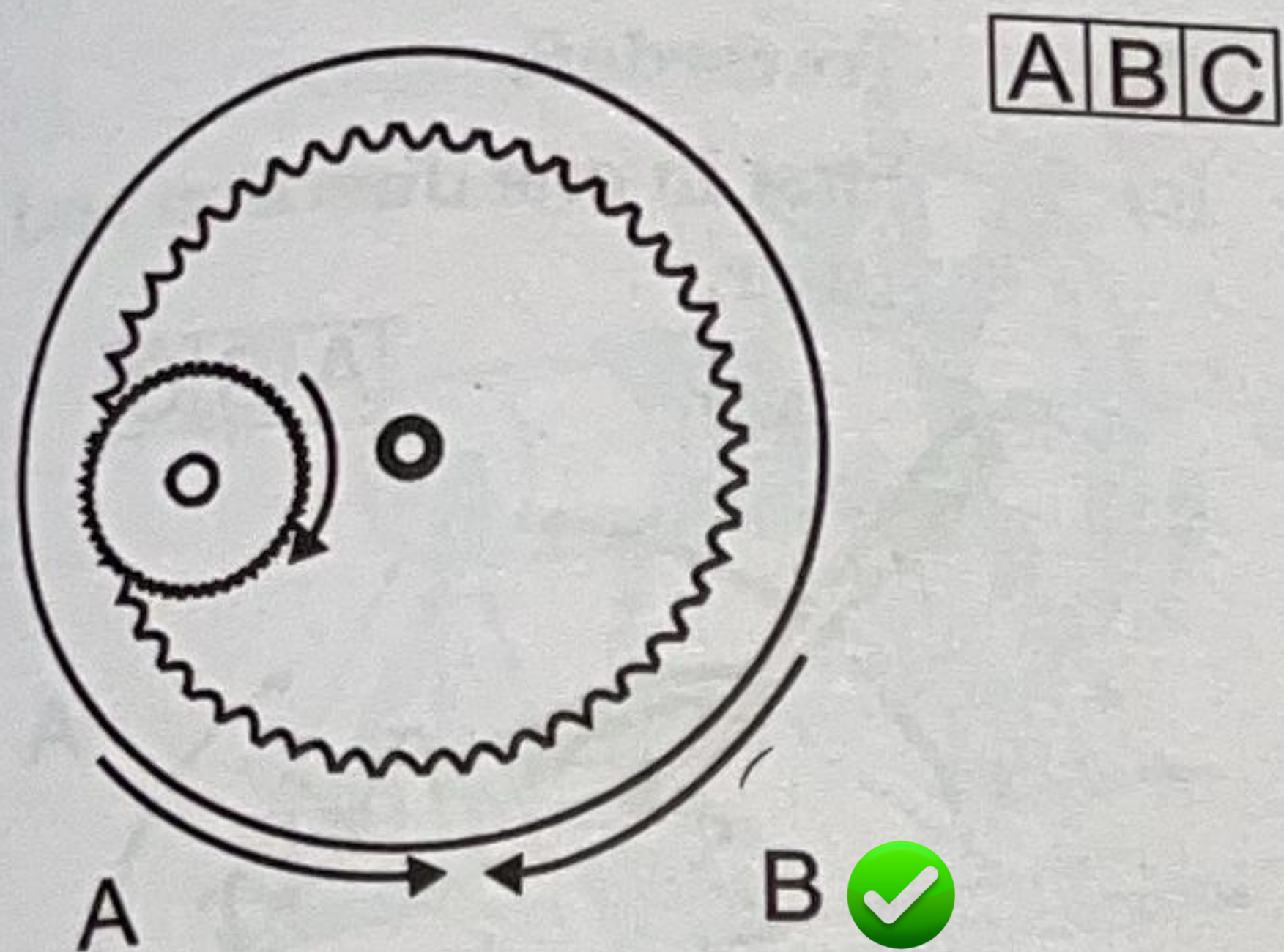


8. Which horse will be harder to hold?

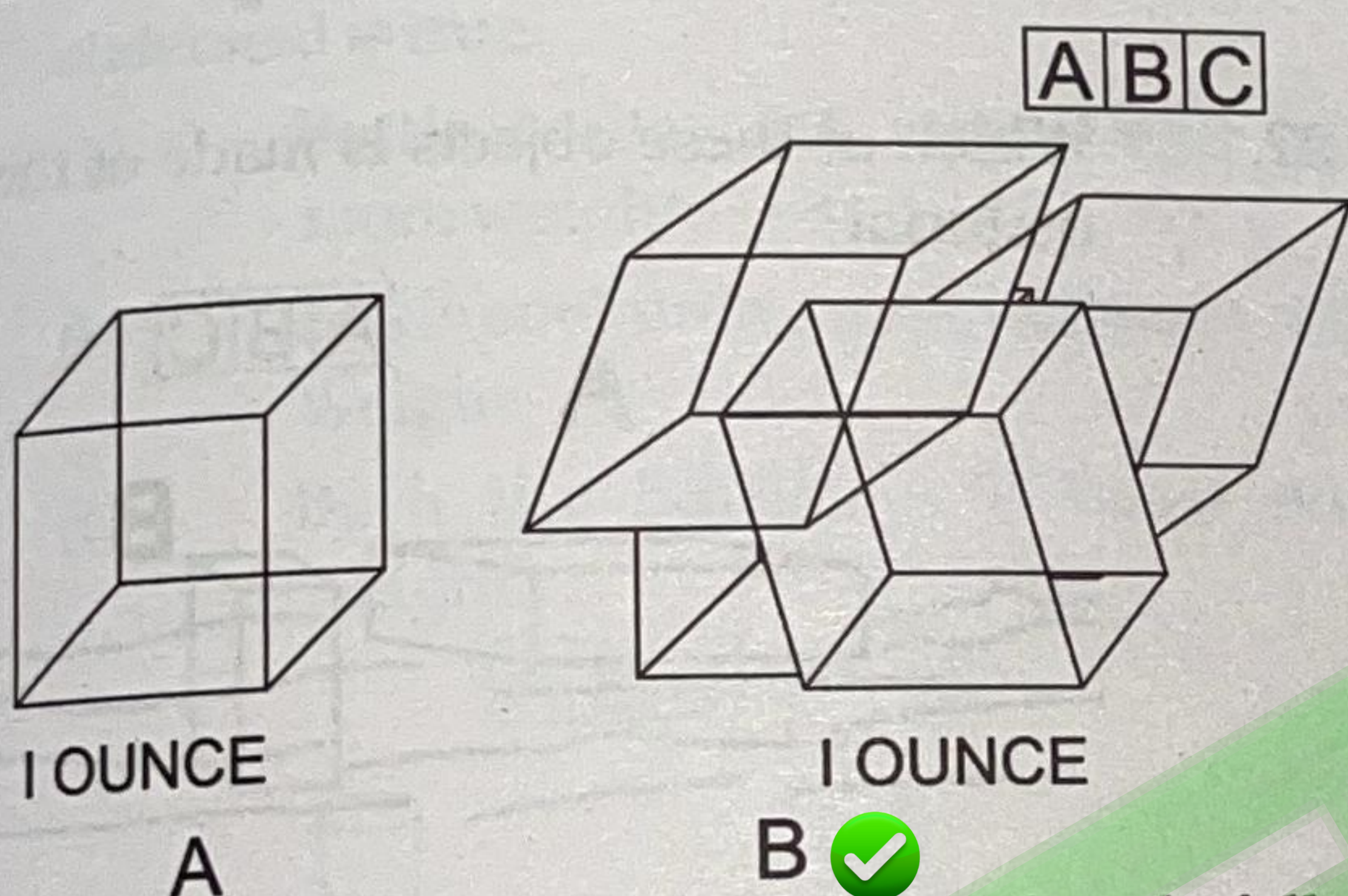
ABC



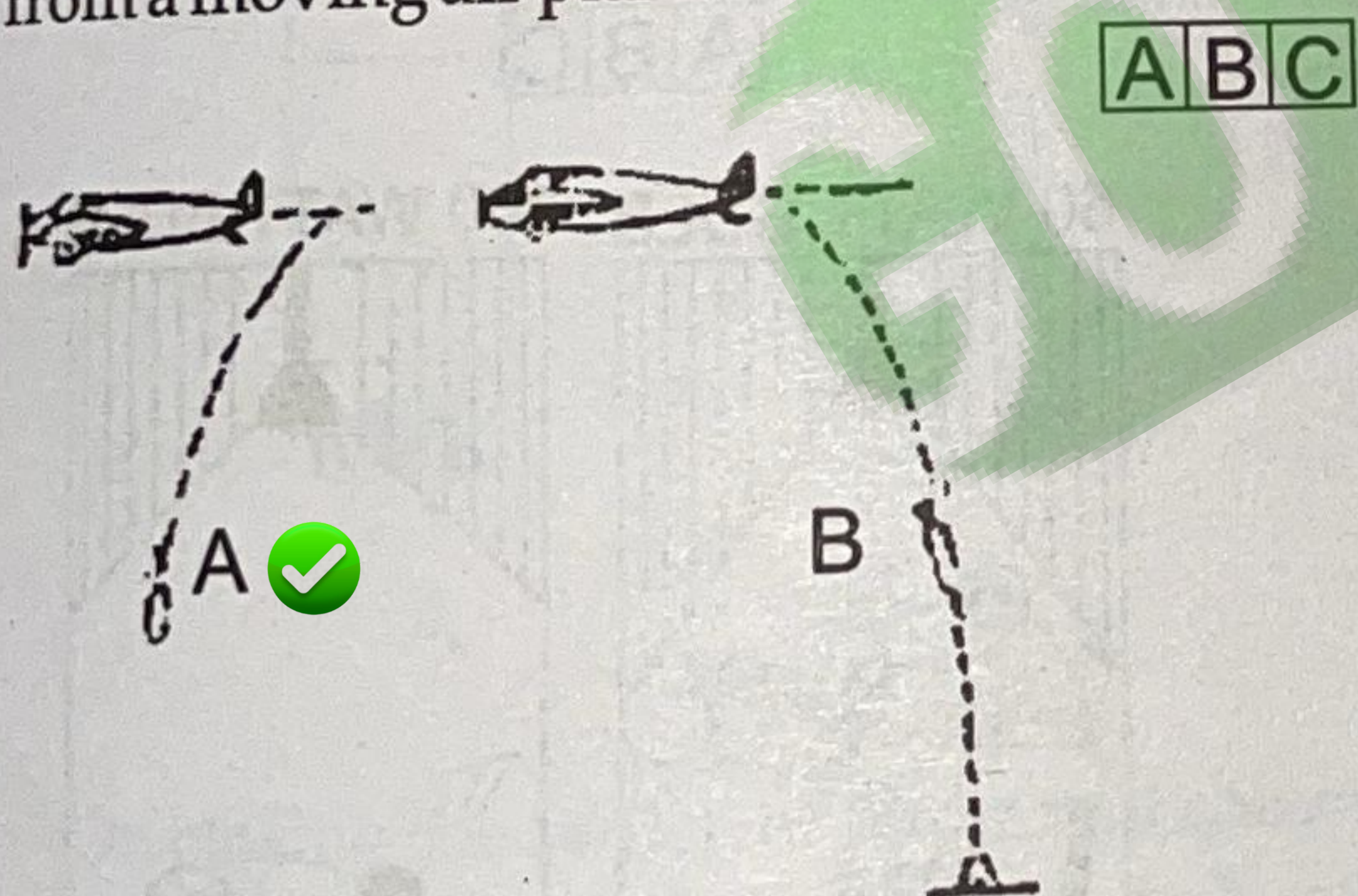
9. If the small wheel goes in the direction shown, in which direction will the large wheel go?



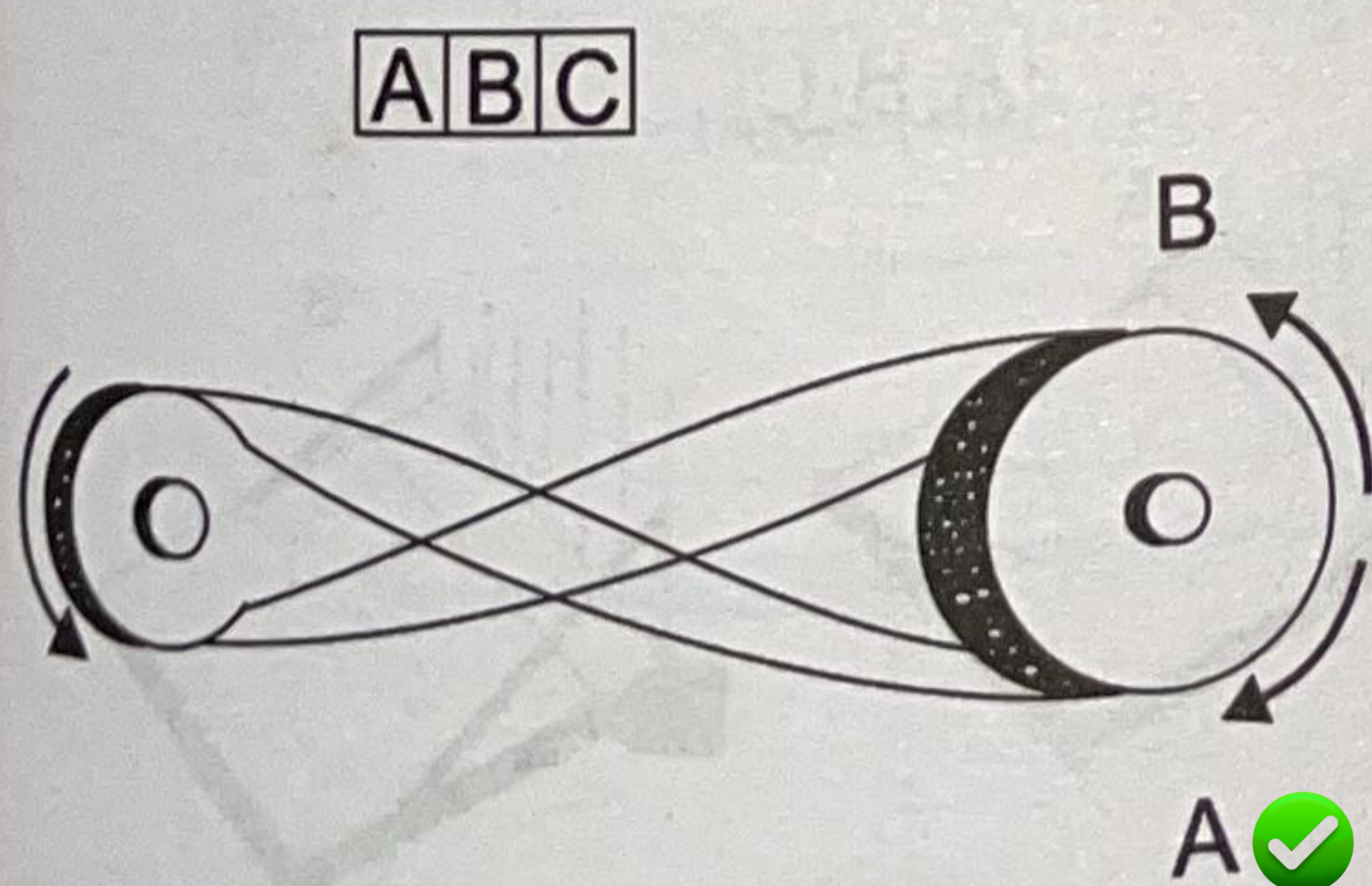
10. Which one of the ice will cool a drink more quickly?



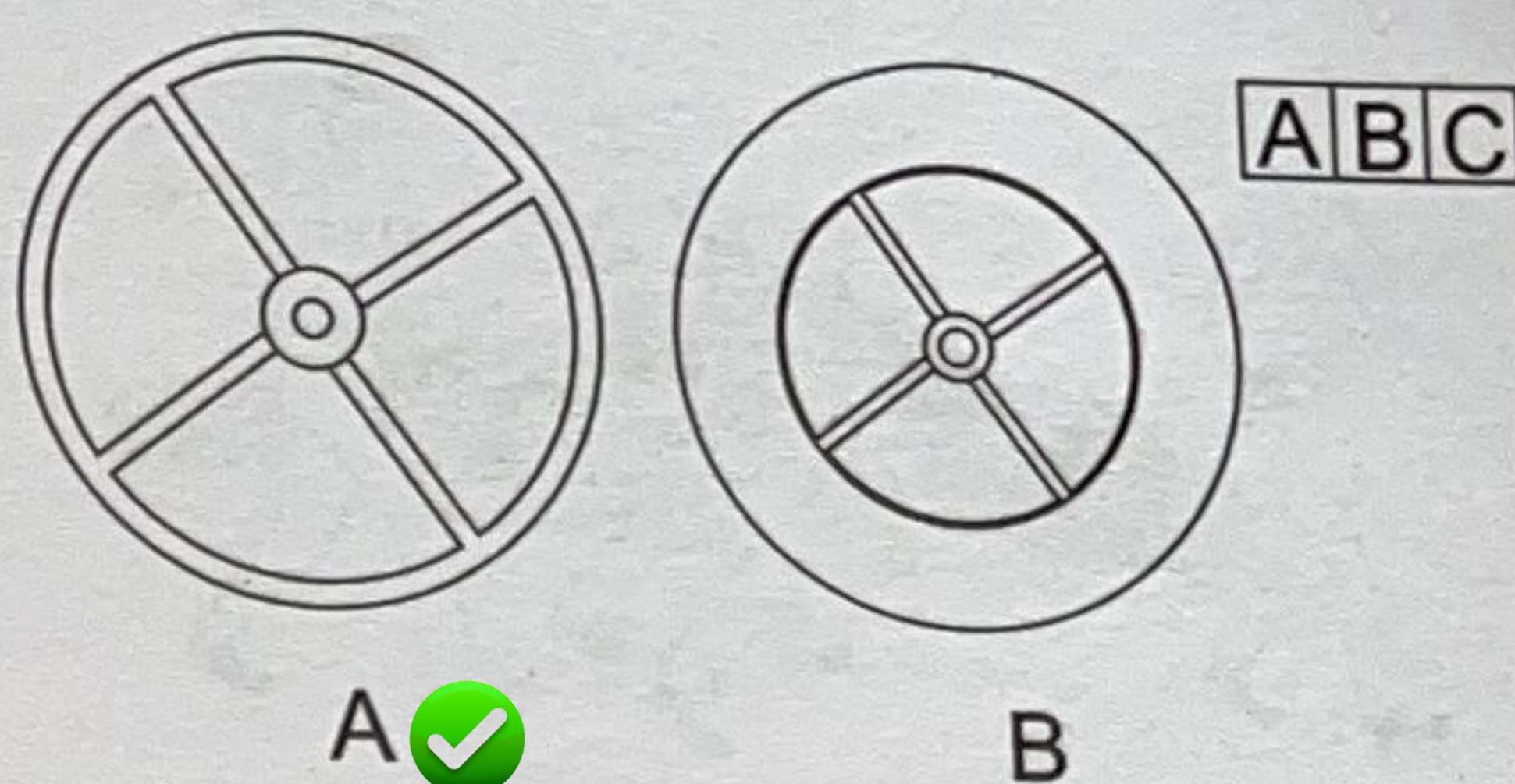
11. Which picture shows the way a bomb falls from a moving air plane?



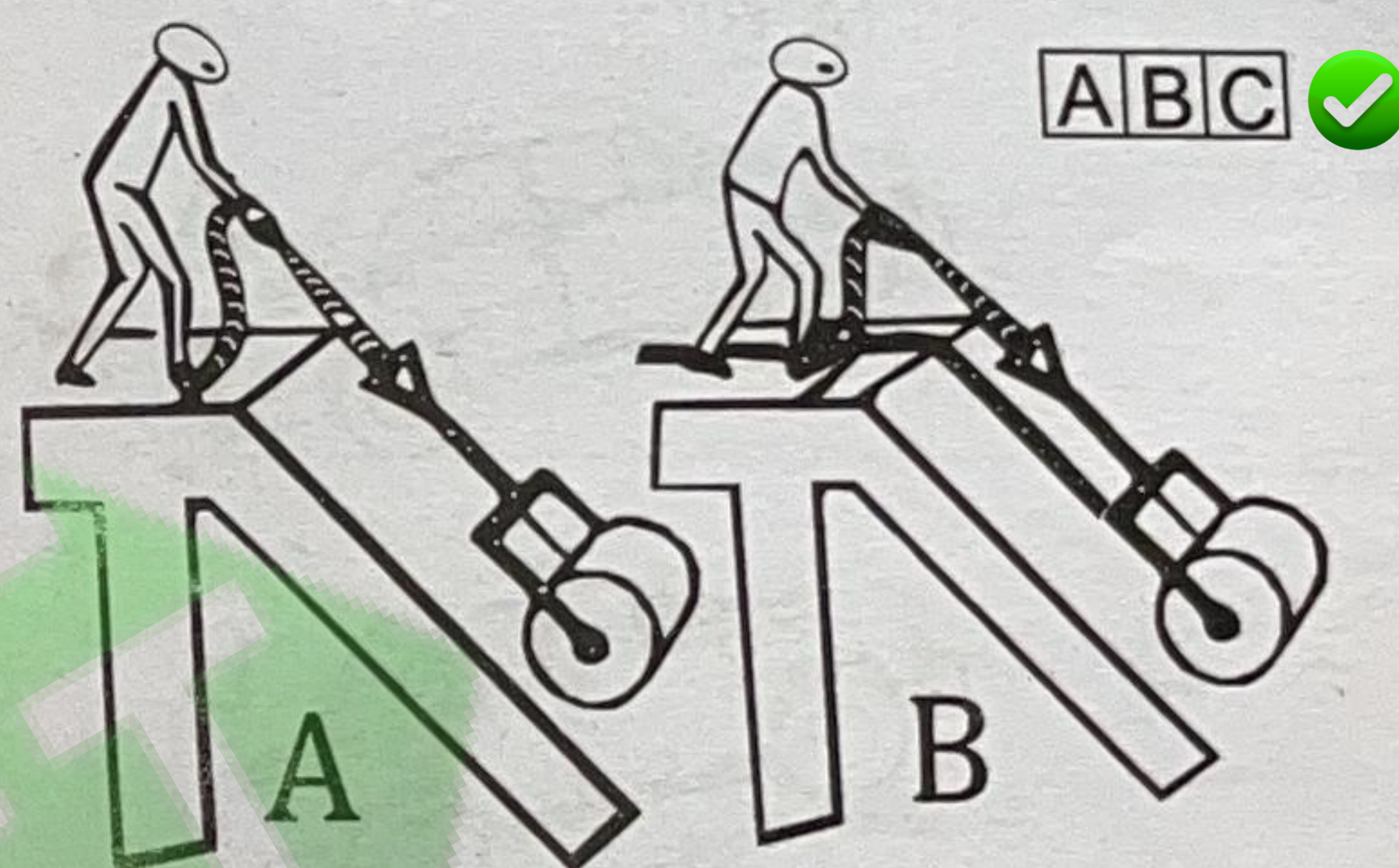
12. If the small wheel moves in the direction of arrow in which direction will the big wheel move?



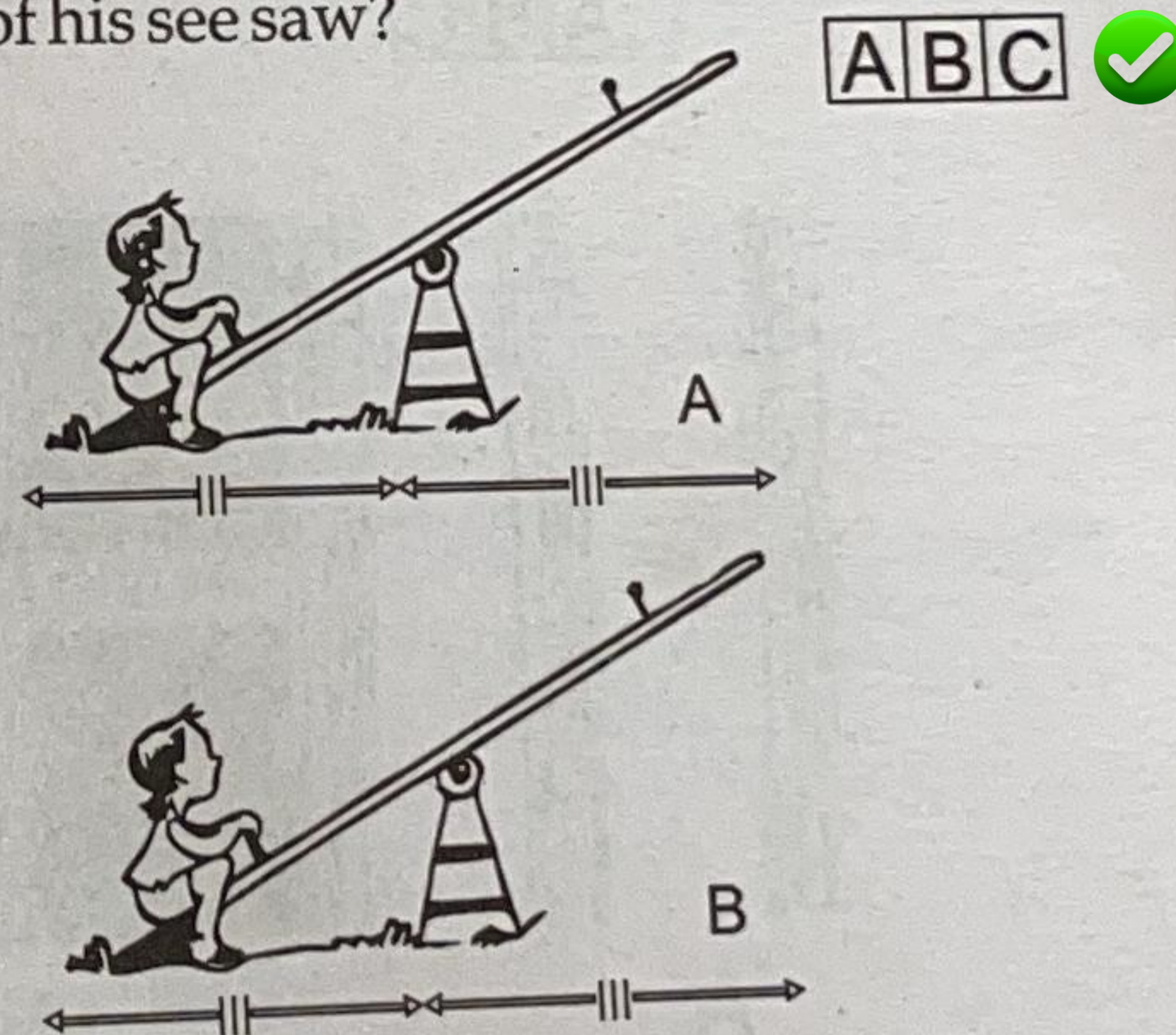
13. Which wheel will keep going longer after the power has been shut off?



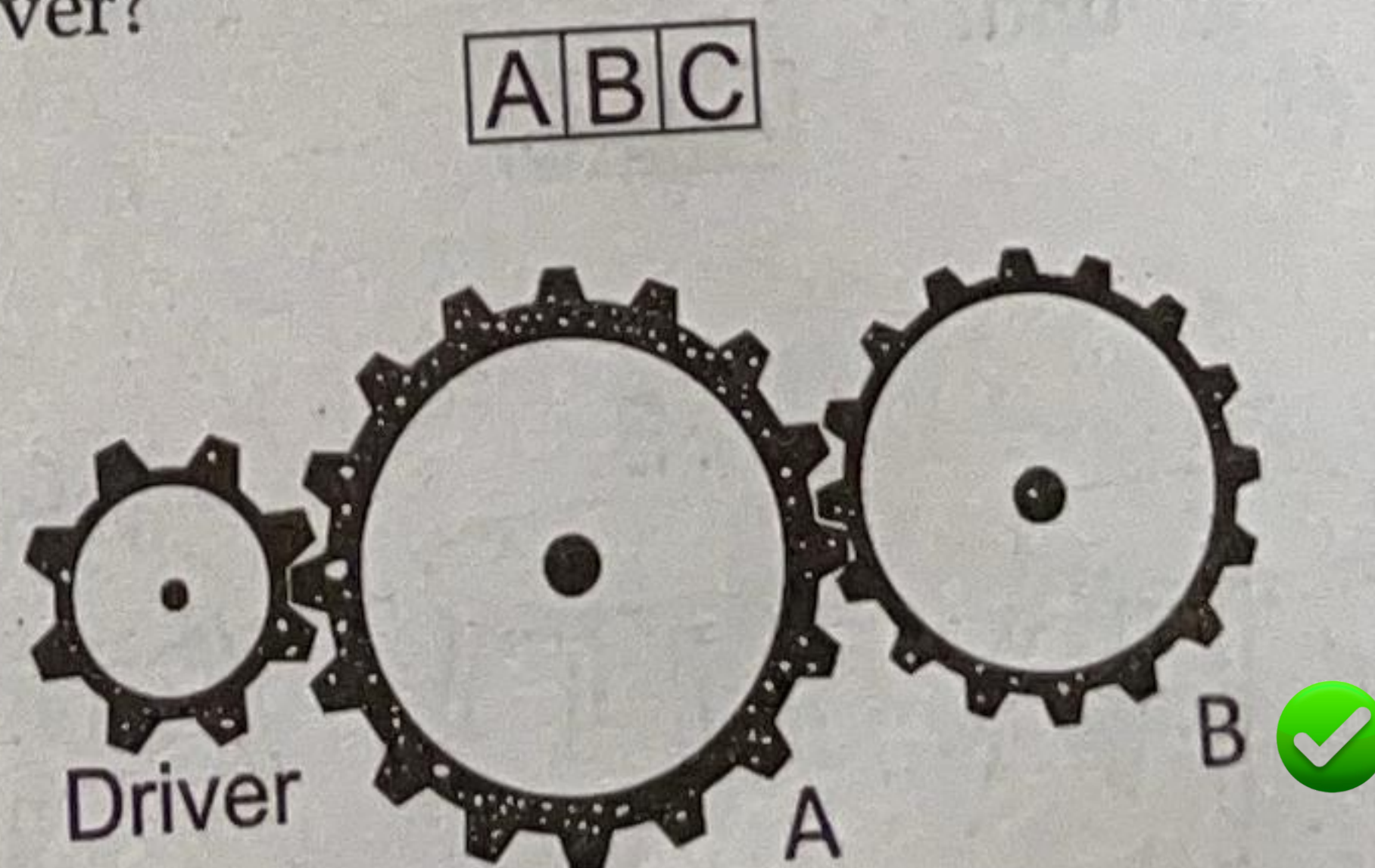
14. Who uses more force to pull up the roller?



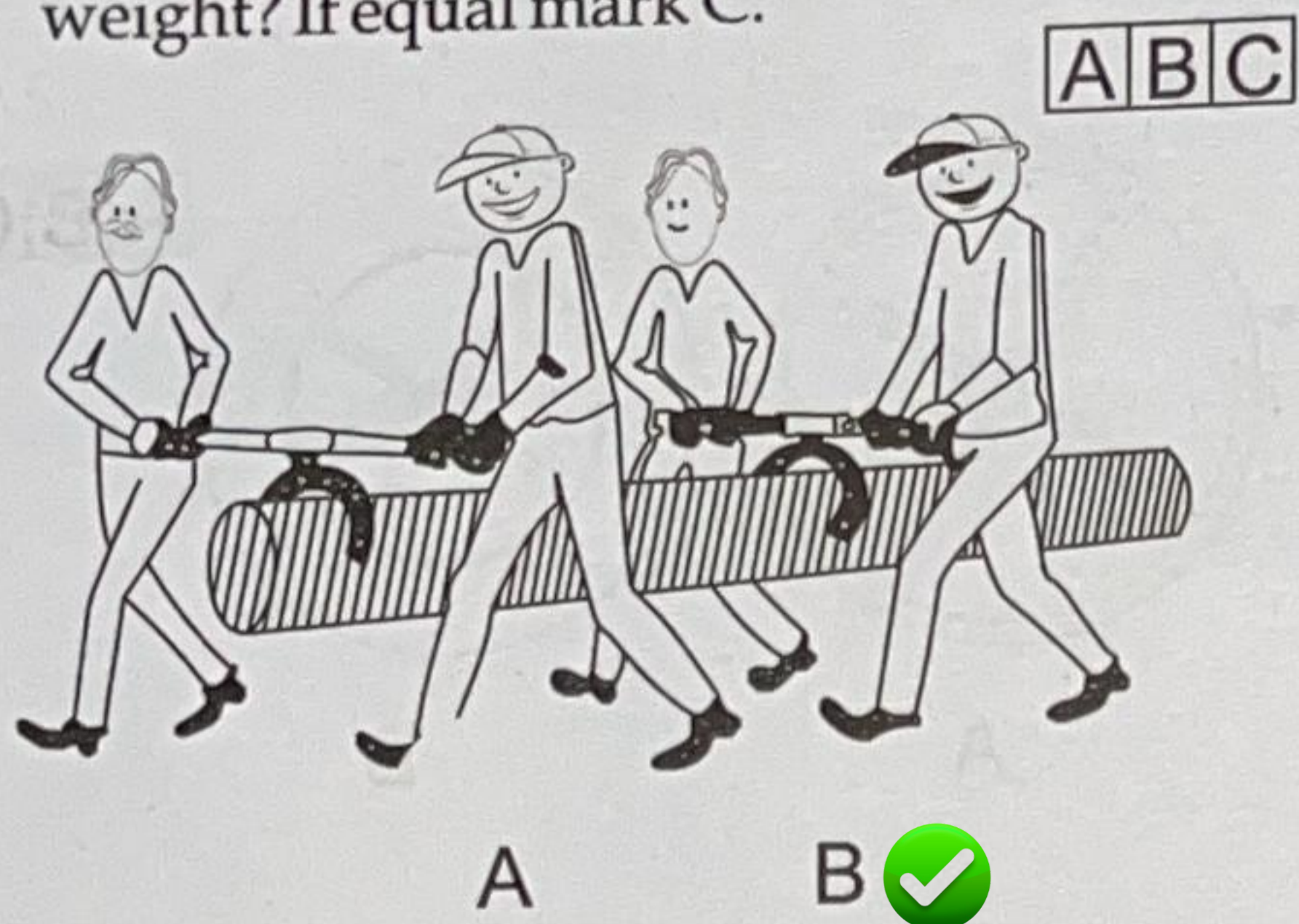
15. If the two boys weigh the same, which one of them can balance a heavier boy on the other end of his see saw?



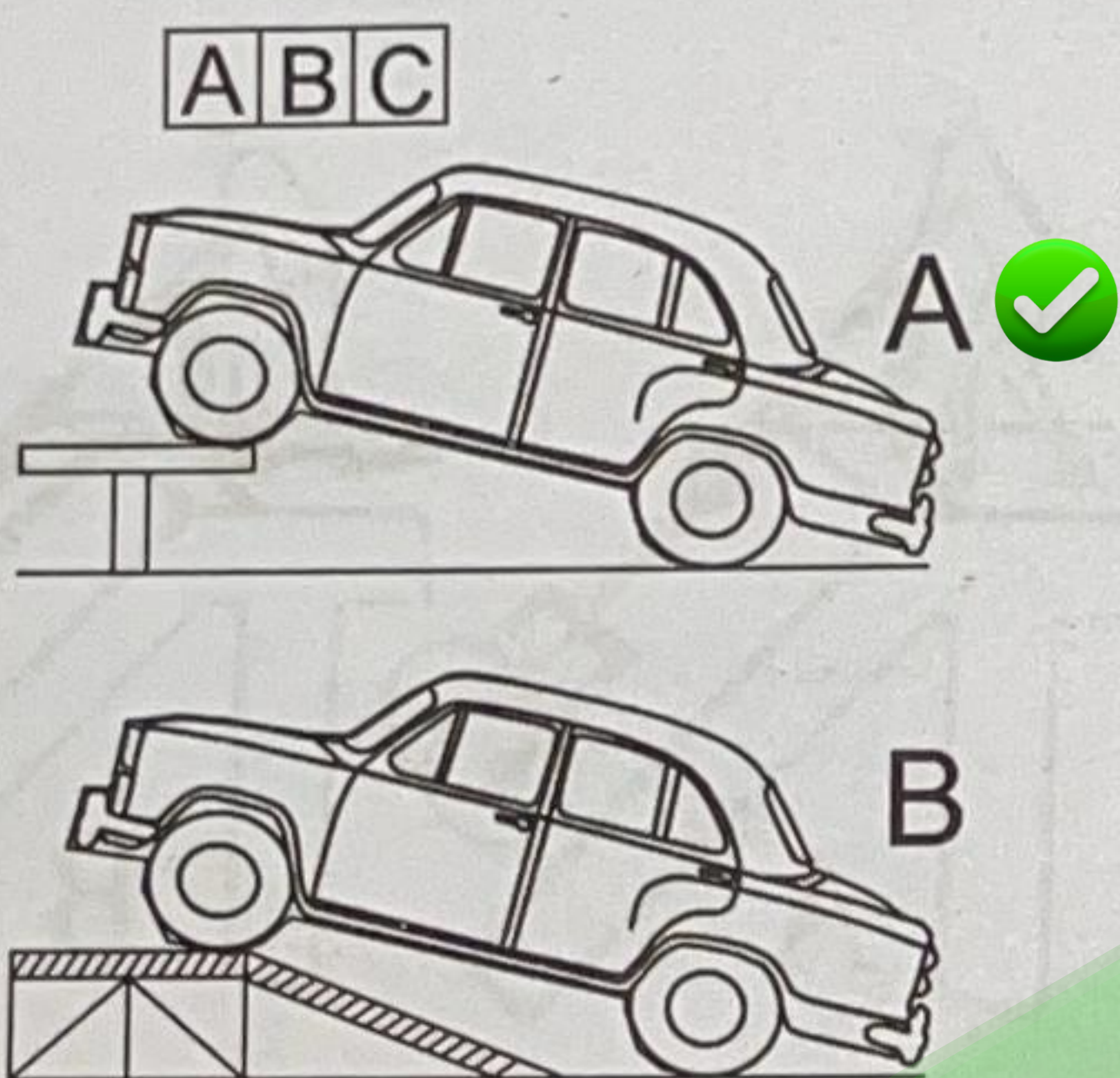
16. Which gear will turn the same way as the driver?



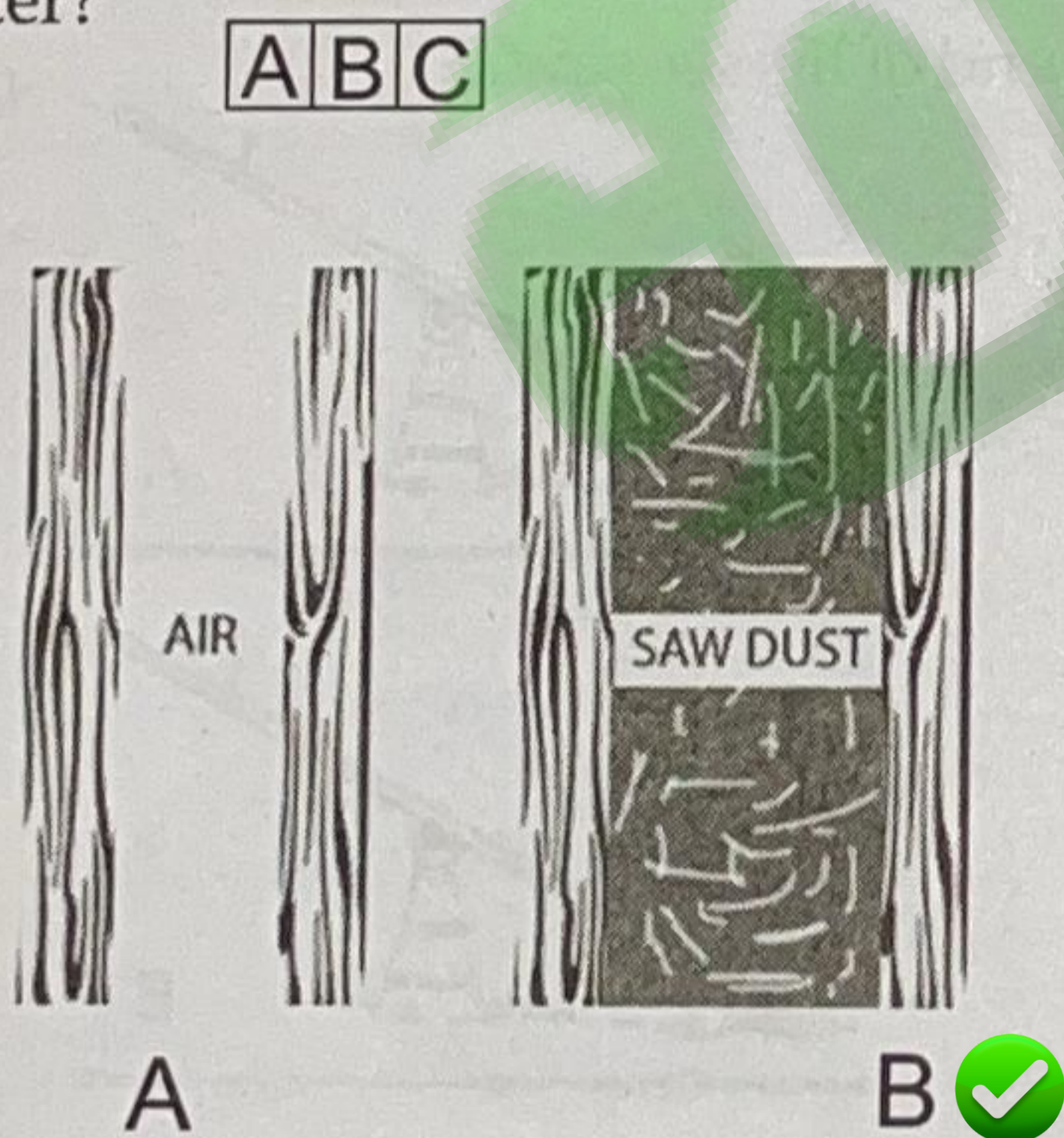
17. Which pair of men A or B is carrying more weight? If equal mark C.



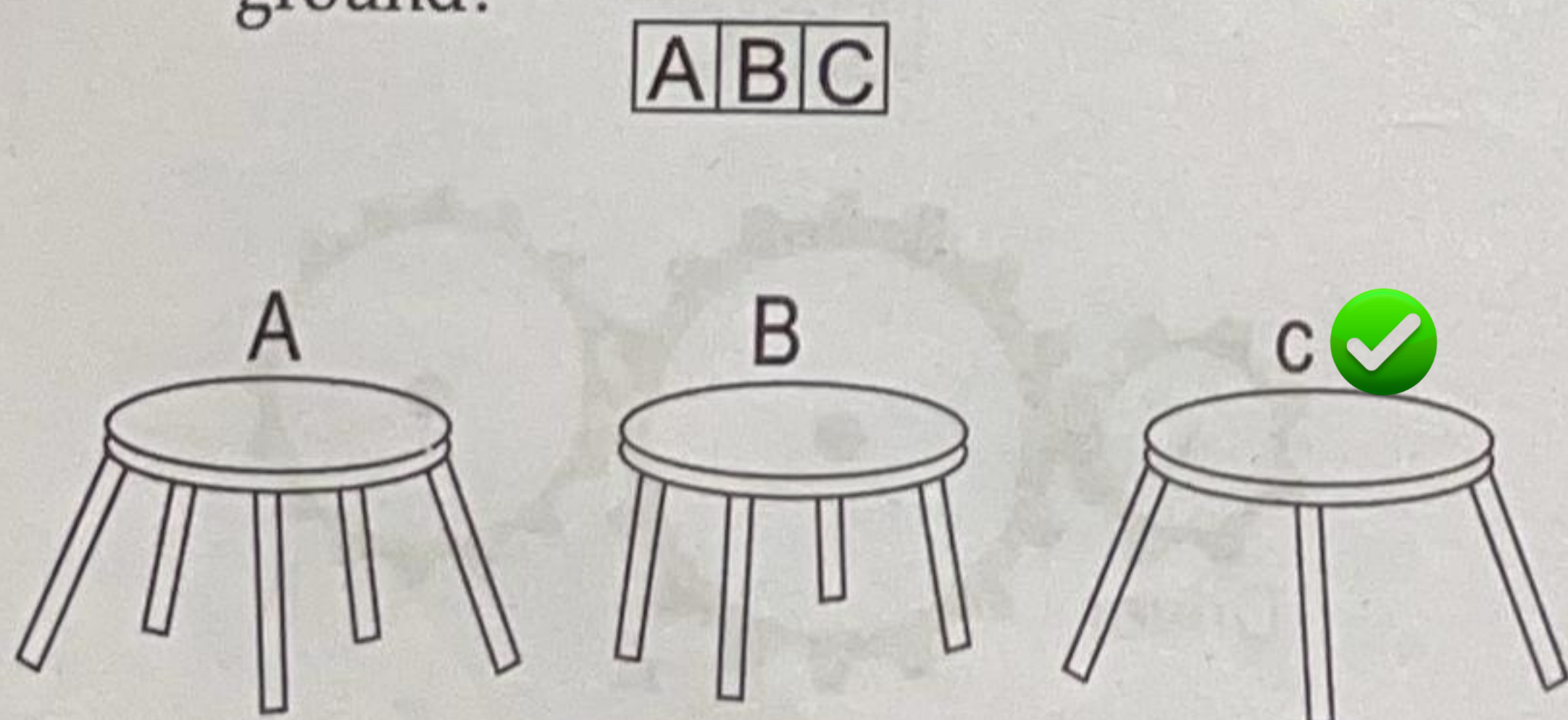
18. Which car is less likely to roll? If equal mark C.



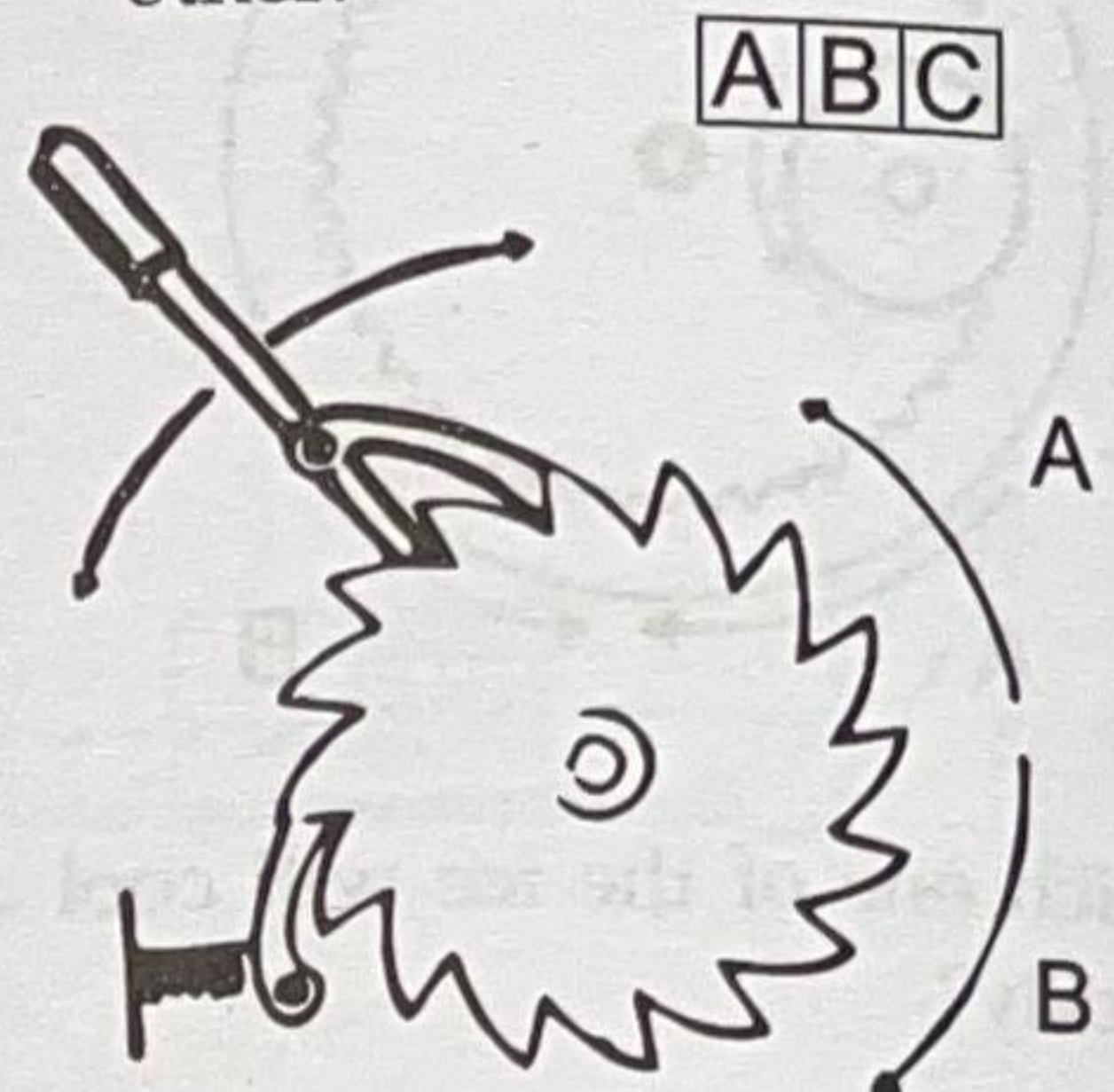
19. Which wall will keep a house warmer in winter?



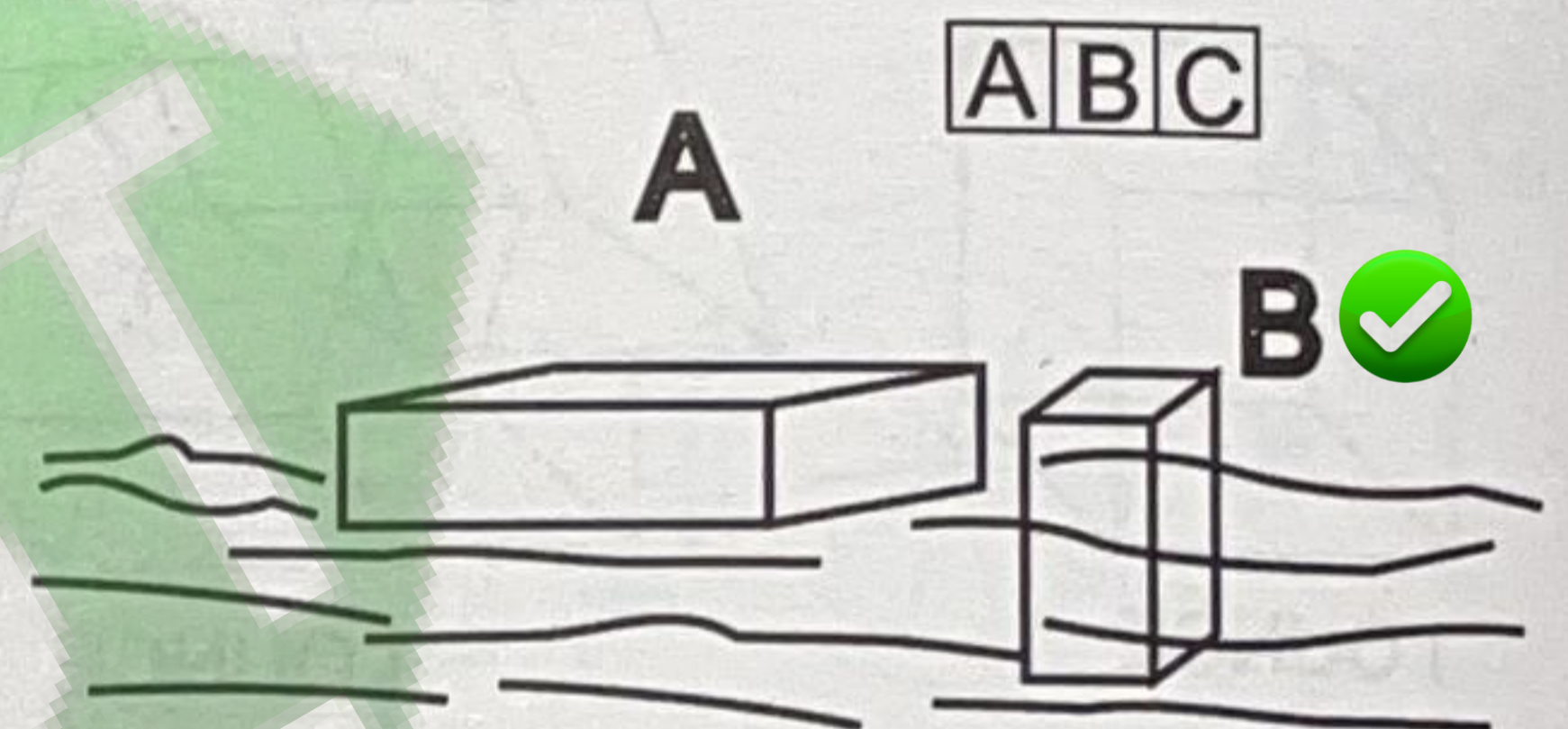
20. Which stool will be steadiest on uneven ground?



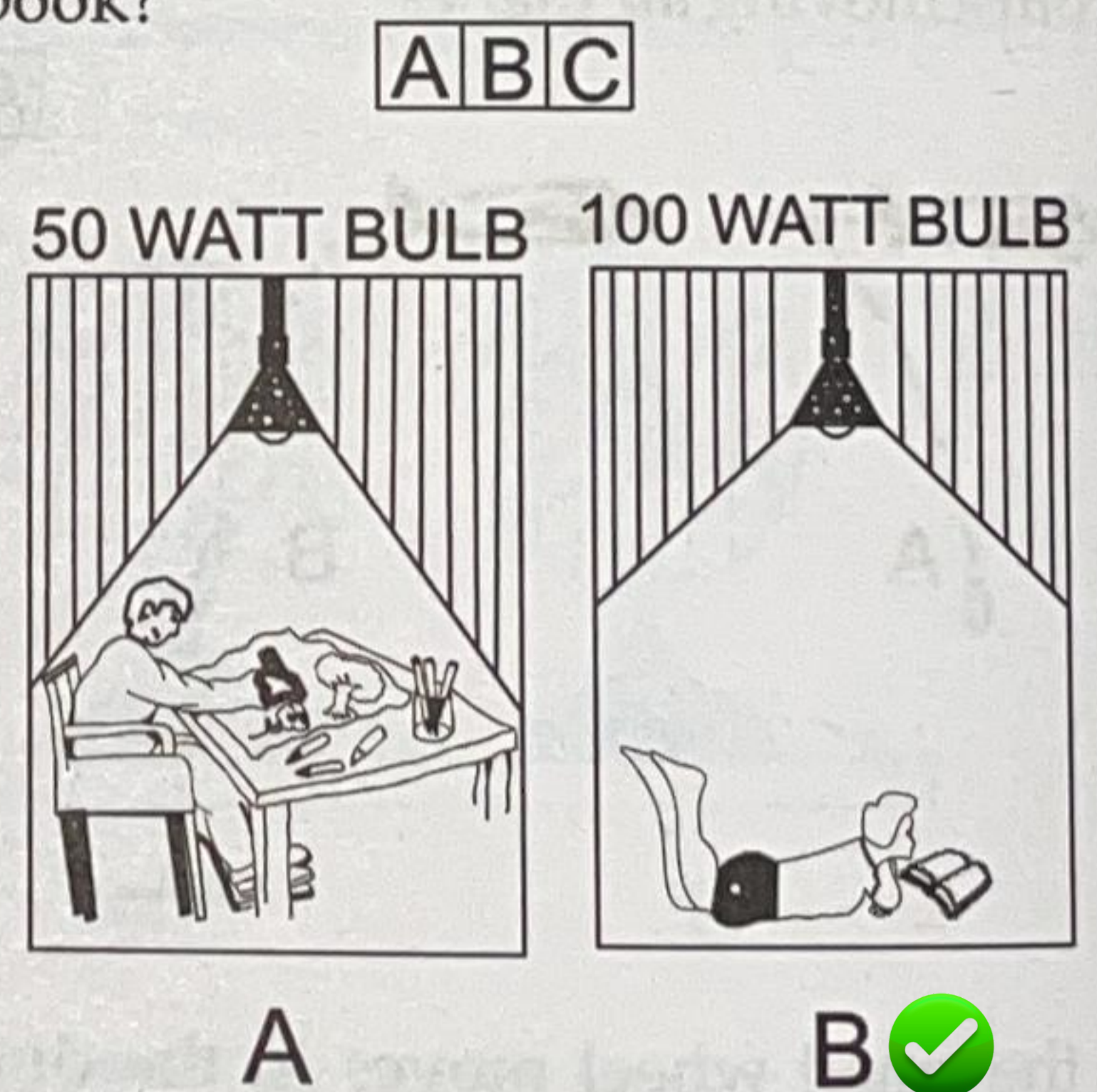
21. If the handle is moved forward, how will the wheel move?
- (a) ✓ Towards A.
(b) Towards B.
(c) First in one direction and then in the other.



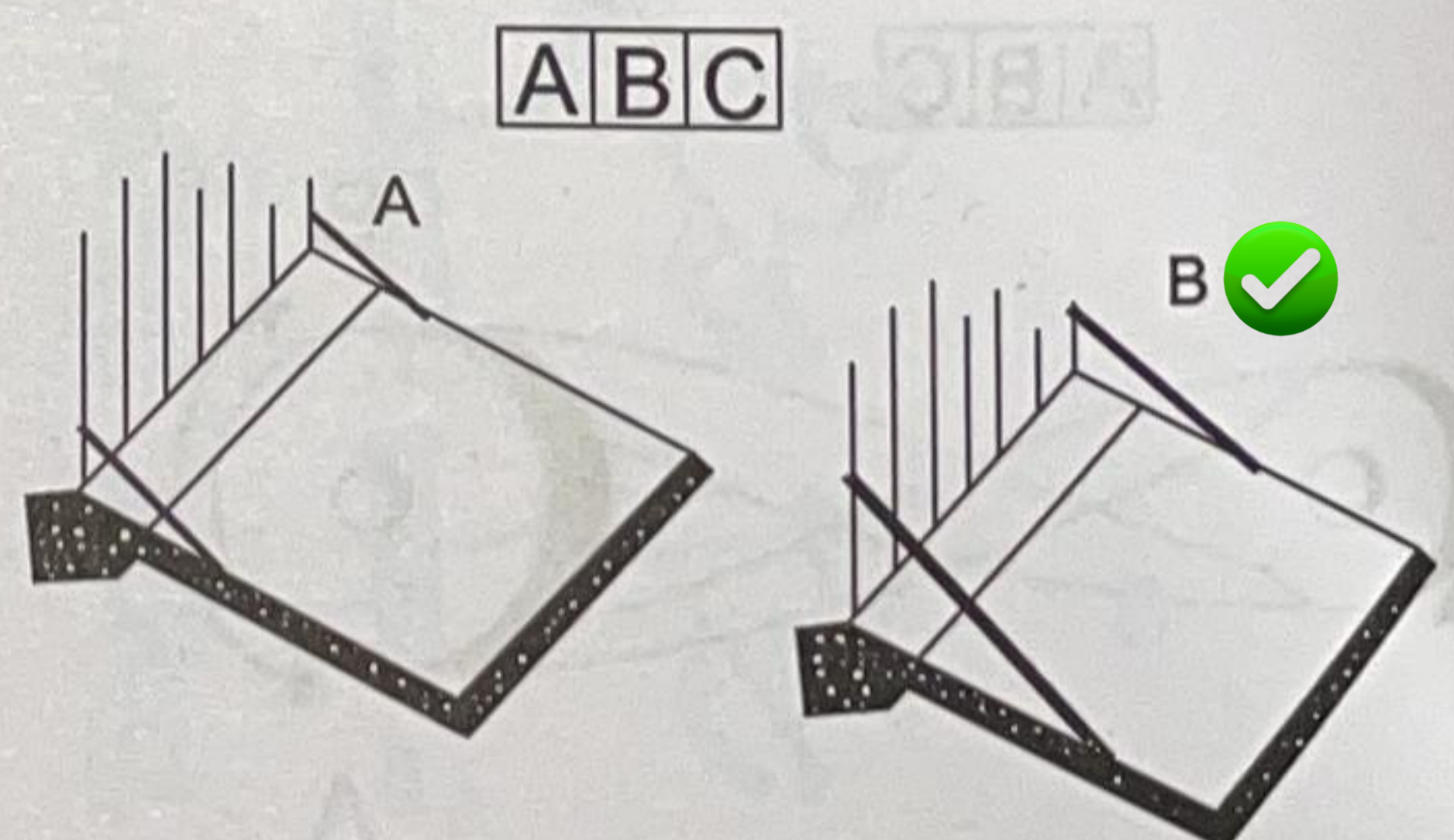
22. Which of these objects is made of the heavier material?



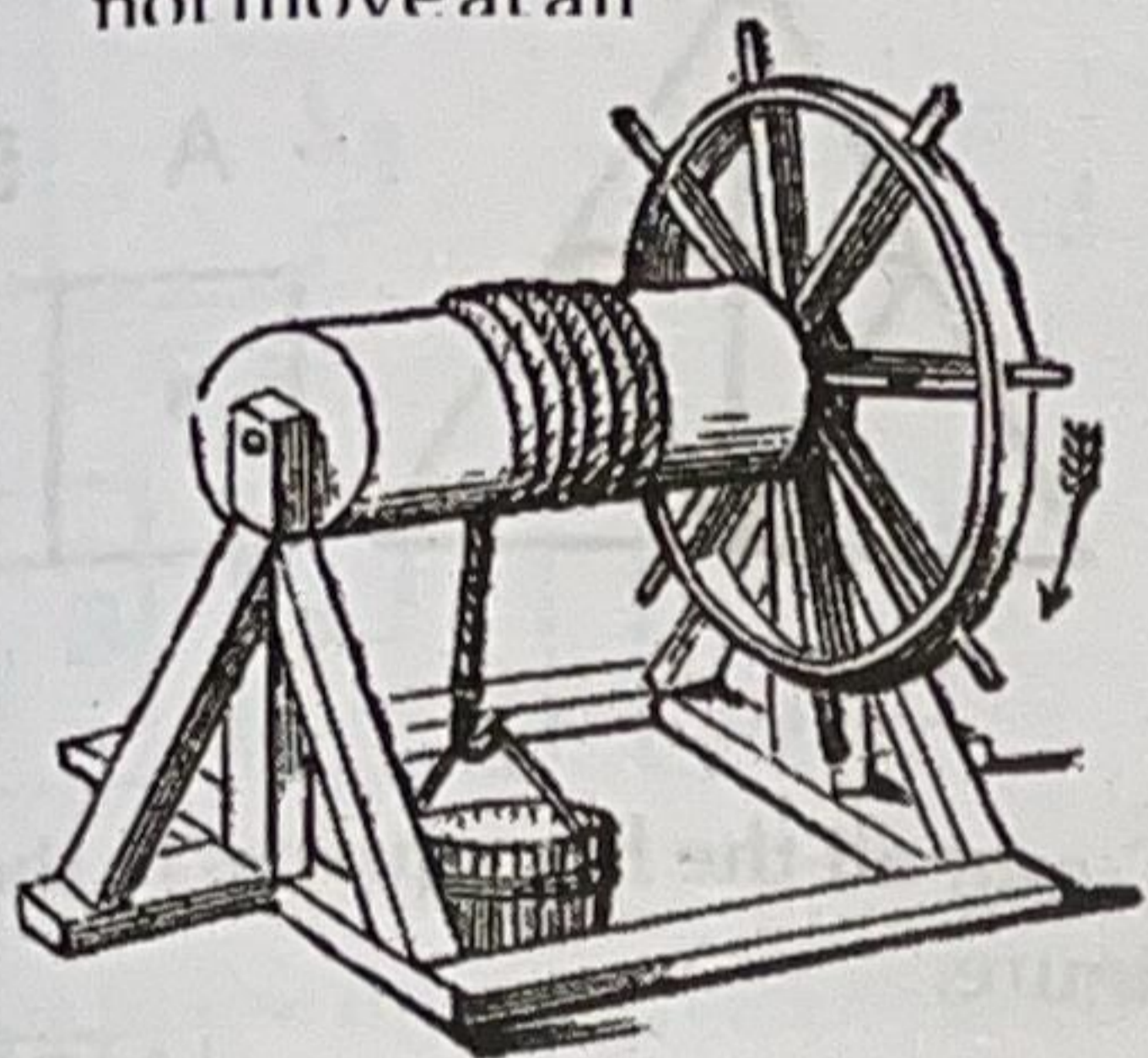
23. Which boy gets more light on the page of his book?



24. Which shelf is stronger? If equal, mark C.



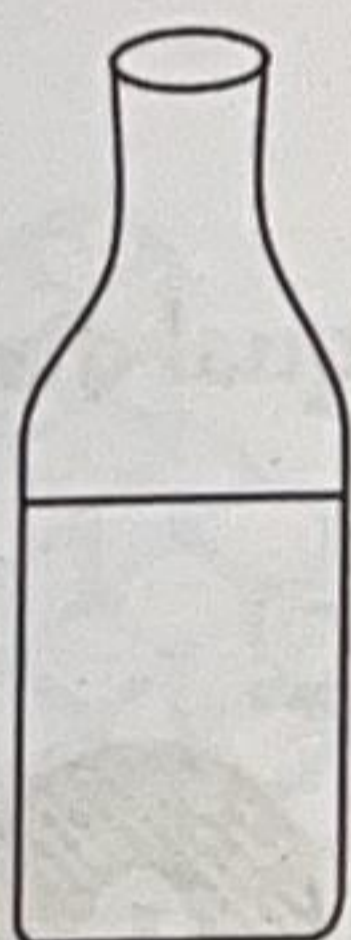
25. If the handle is moved in the given direction, the weight will
- (a) ☒ move up ABC
- (b) ☐ go down
- (c) ☐ not move at all



26. Bottles shown in Fig. contain equal volumes of milk and butter. Which of the following statement is true.

- (a) ☐ Bottle containing butter will have more weight.
- (b) ☒ Bottle containing milk will have more weight.
- (c) ☐ Both the bottles will have same weight.

ABC



Milk

A



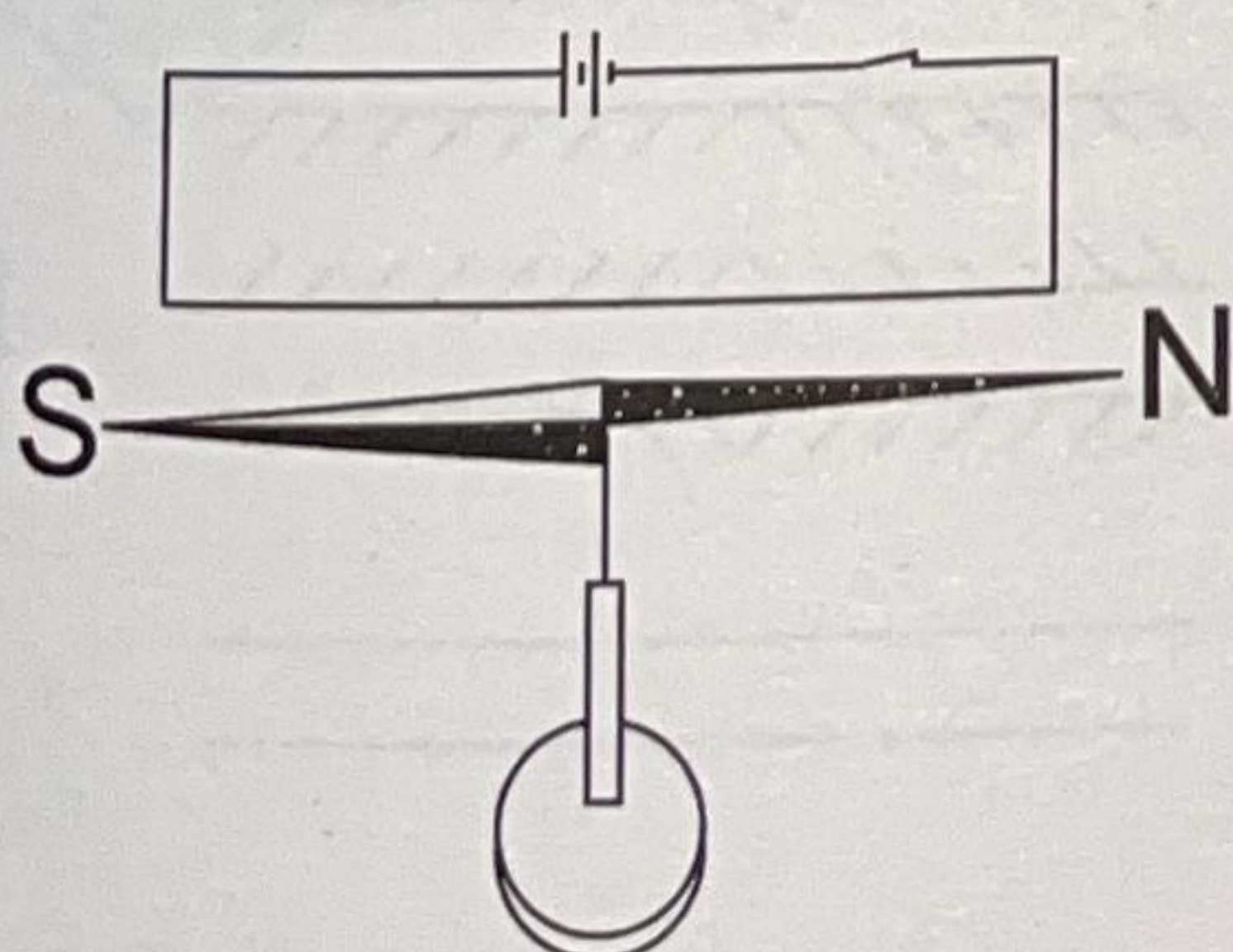
Butter

B

27. On closing the switch of the circuit shown, the north of the magnetic needle will always point:

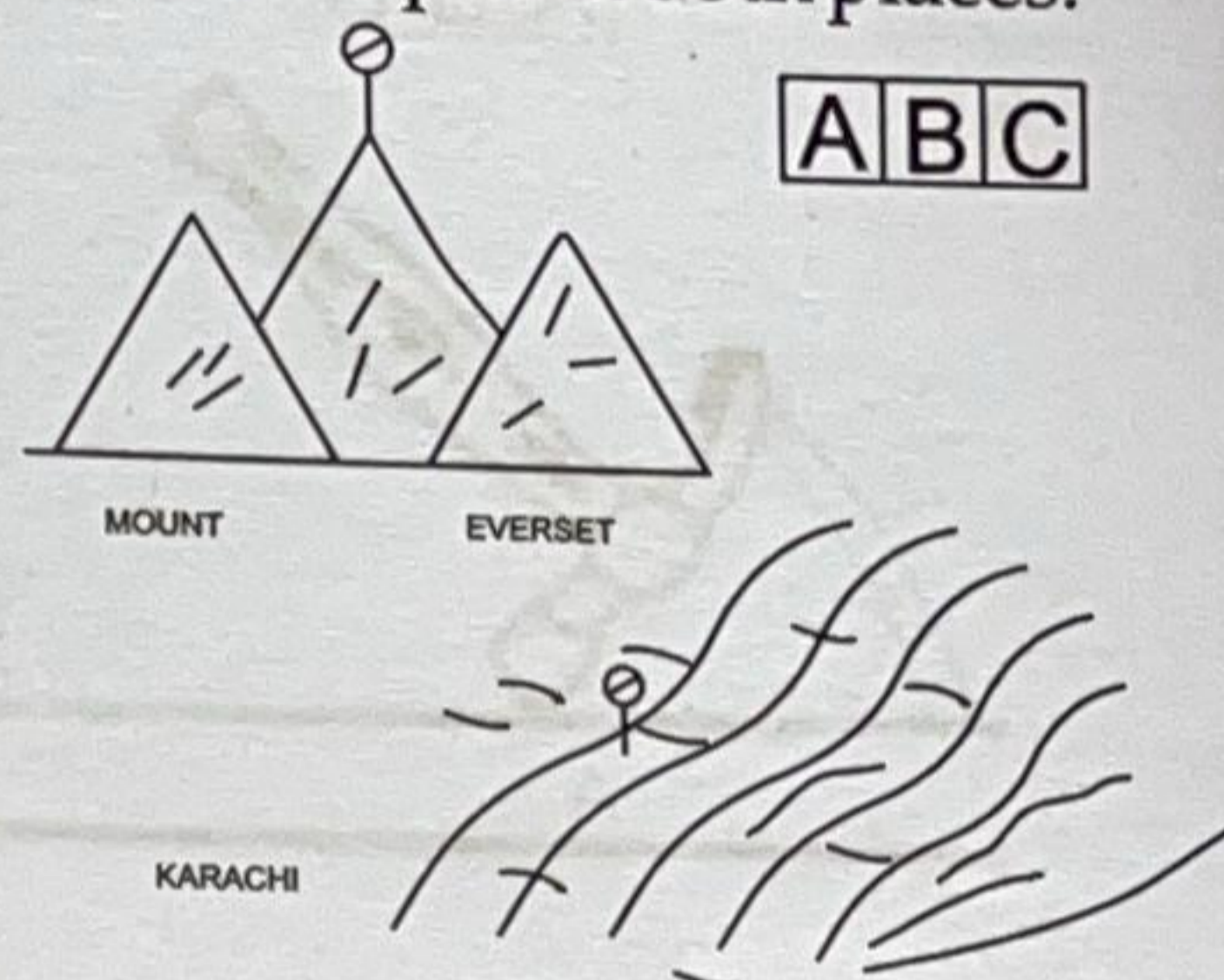
ABC

- (a) ☒ In the direction of current.
- (b) ☐ Opposite to the direction of current.
- (c) ☐ In any direction irrespective of the direction of current.



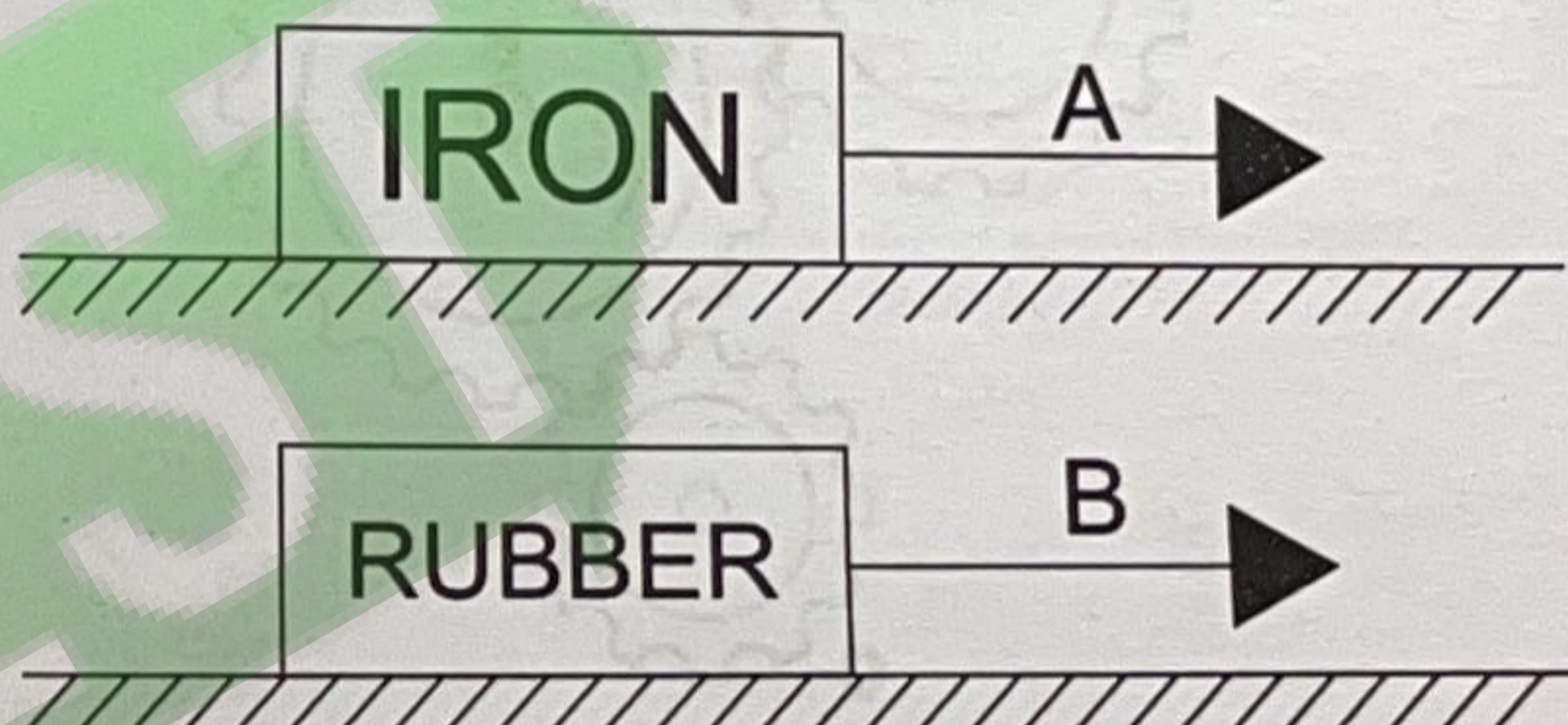
28. Air pressure (Barometer reading) at Mount Everest and Karachi will be:
- (a) ☐ High at mount Everest.
- (b) ☒ High at Karachi.
- (c) ☐ Will be equal at both places.

ABC



29. If weight of the block A & B is equal then which block requires more force when pulled on the surface. If A & B requires equal force then mark "C".

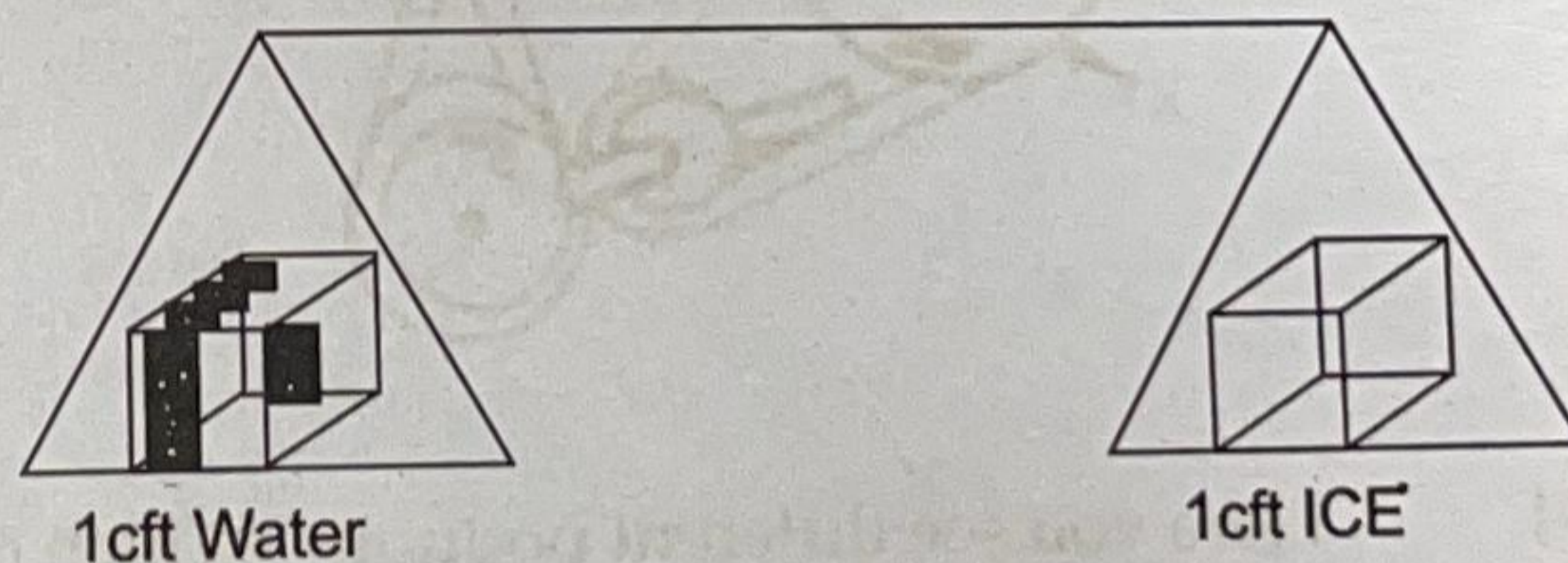
ABC ☒



30. Which one will have more weight.

- (a) ☐ 1cft of water at room temperature
- (b) ☐ 1cft of ice
- (c) ☐ Both will have the same weight.

ABC



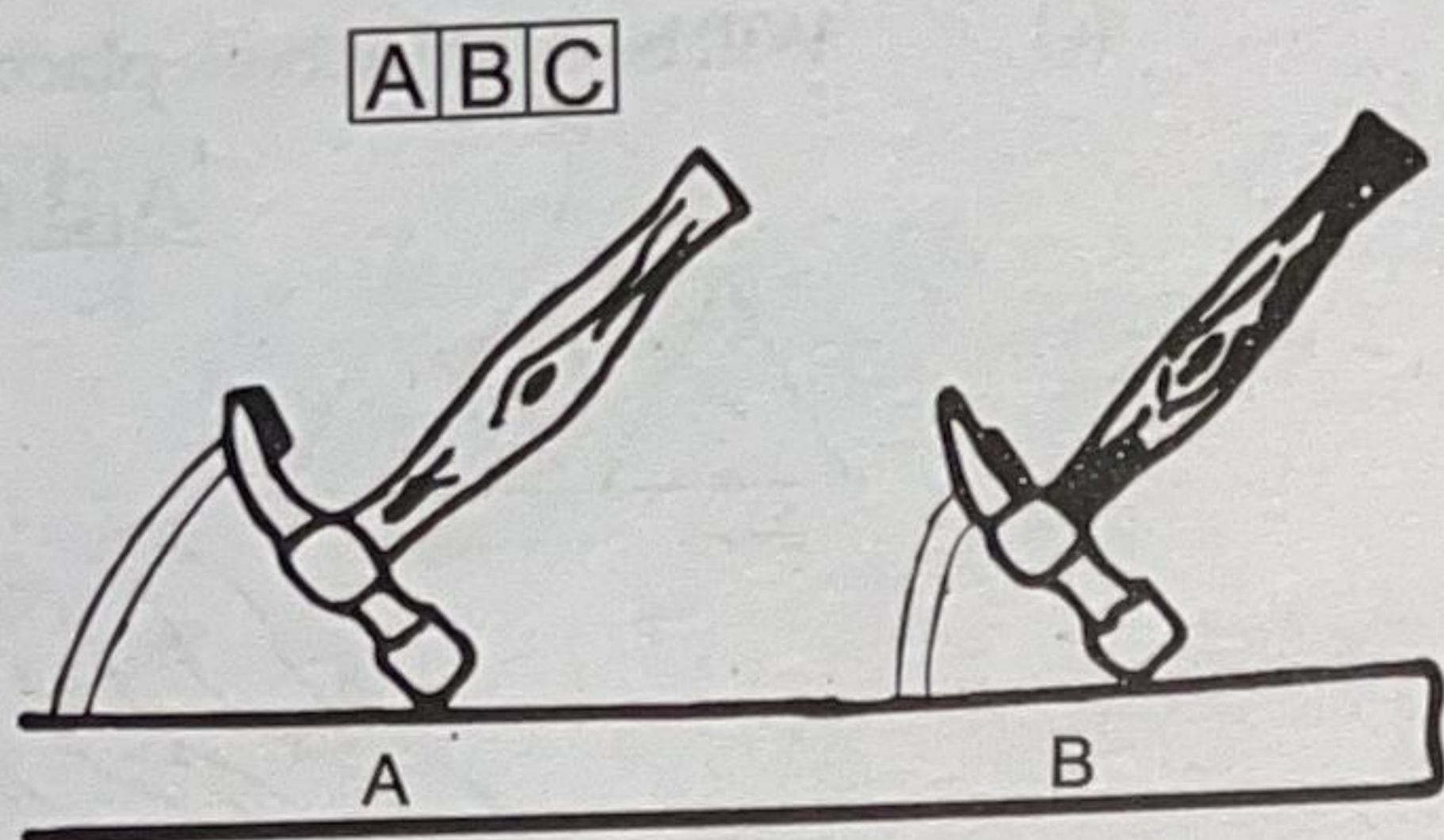
1cft Water

1cft ICE

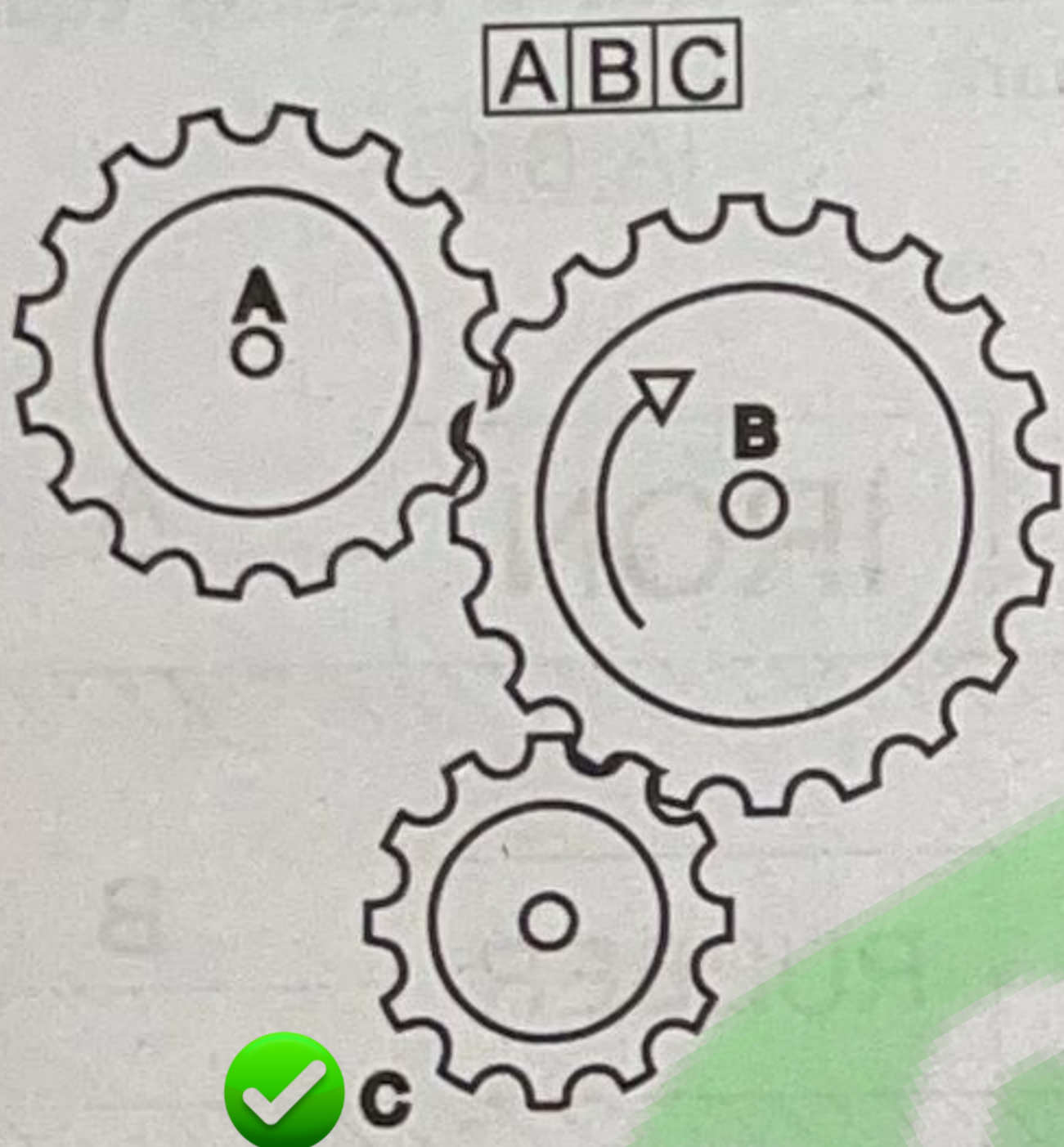
A ☒

B

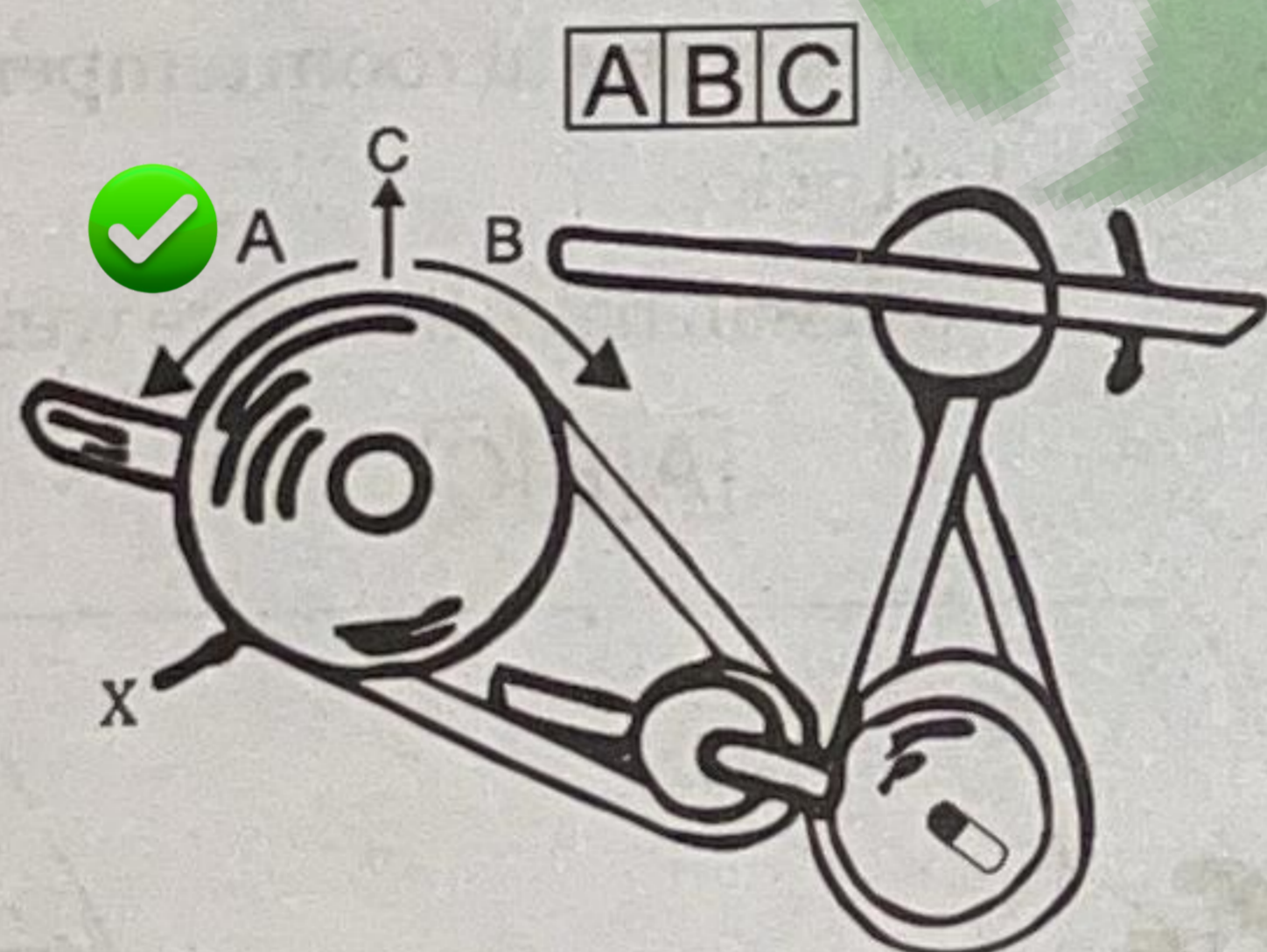
31. Which hammer will pull nail more easily.
- (a) Hammer A.
 (b) ☒ Hammer B.
 (c) Neither of A and B.



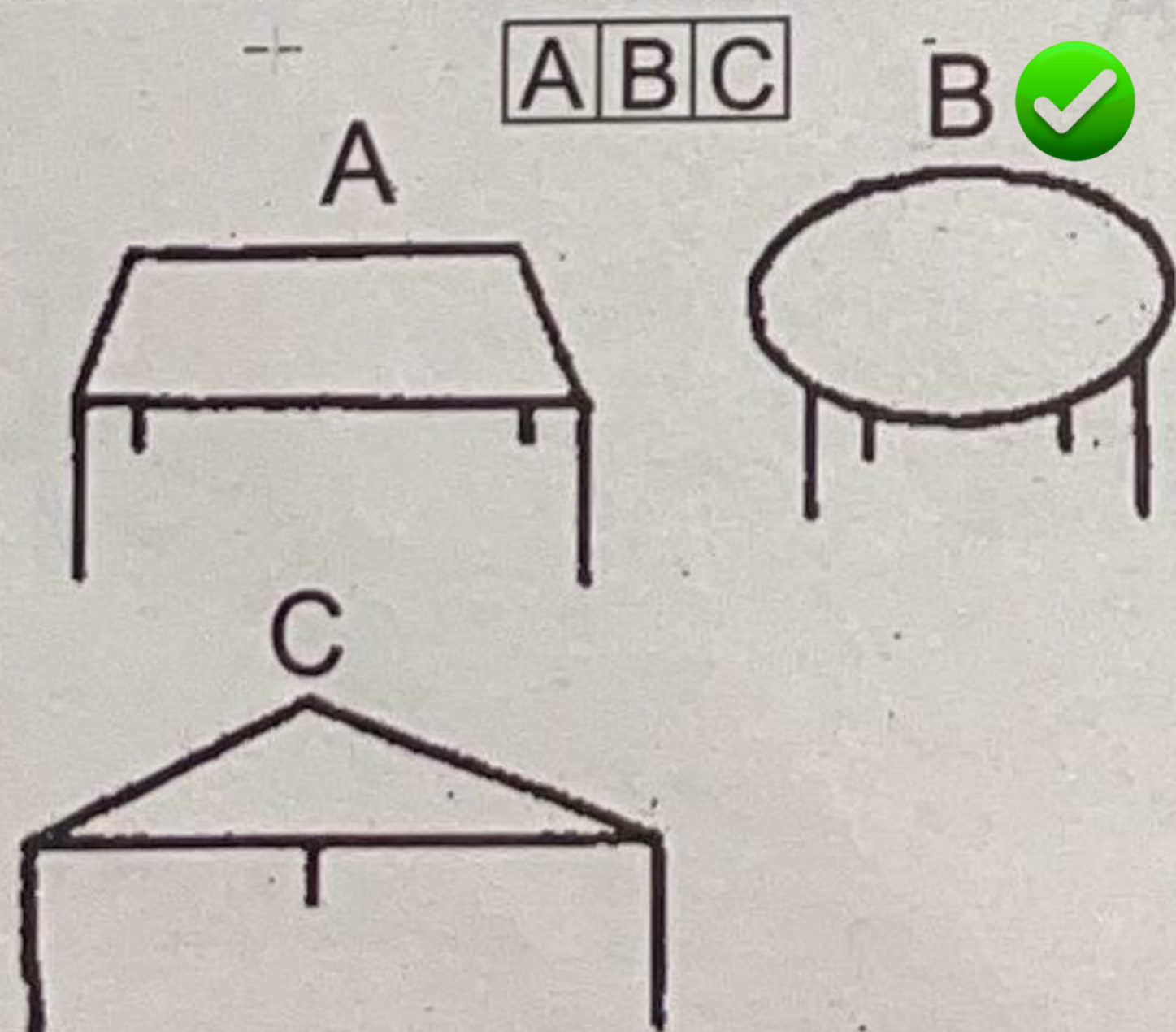
32. Which one of the wheel (gear) will rotate faster? A, B, or C



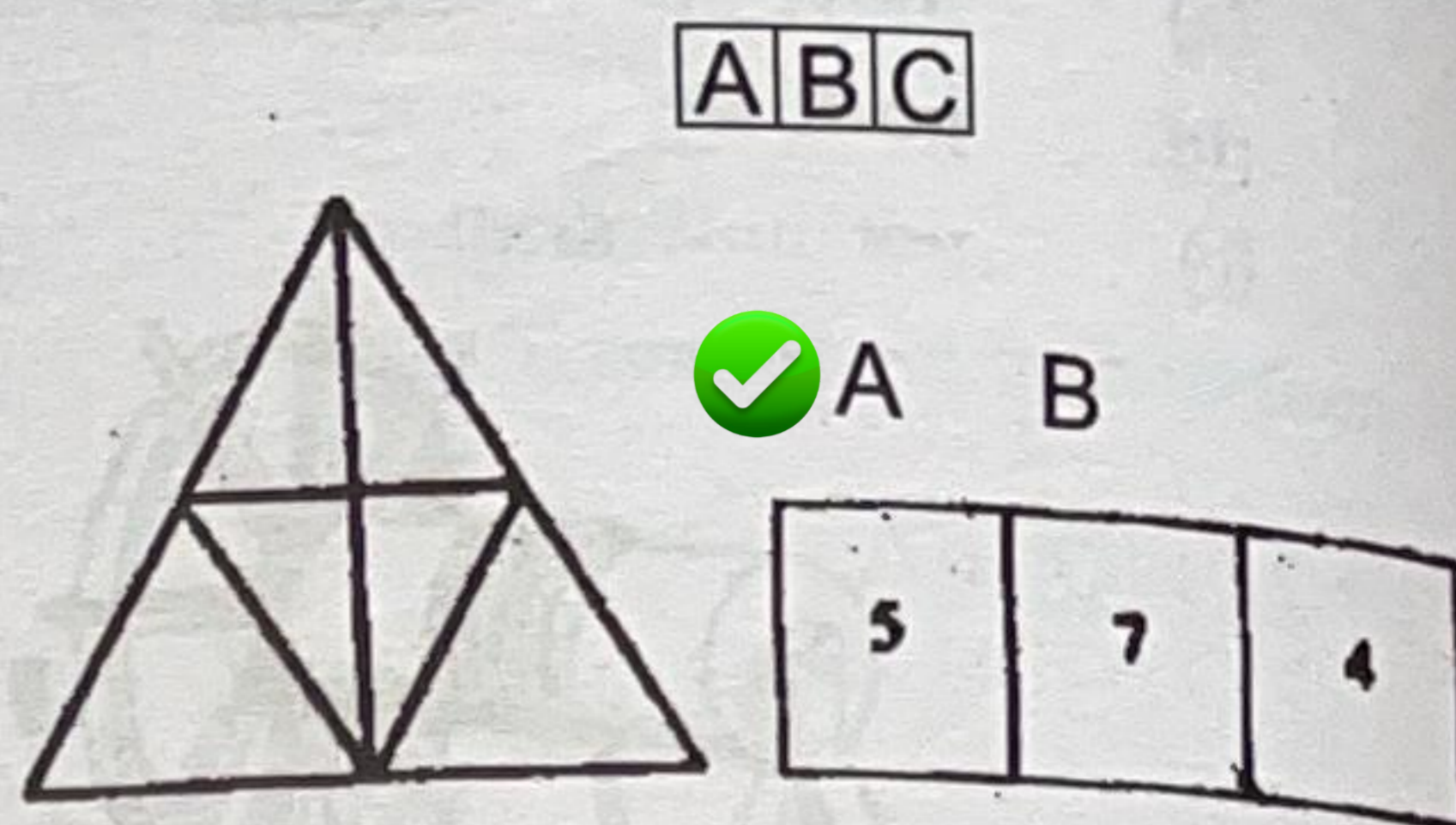
33. In which direction wheel "X" turns A, B or C.



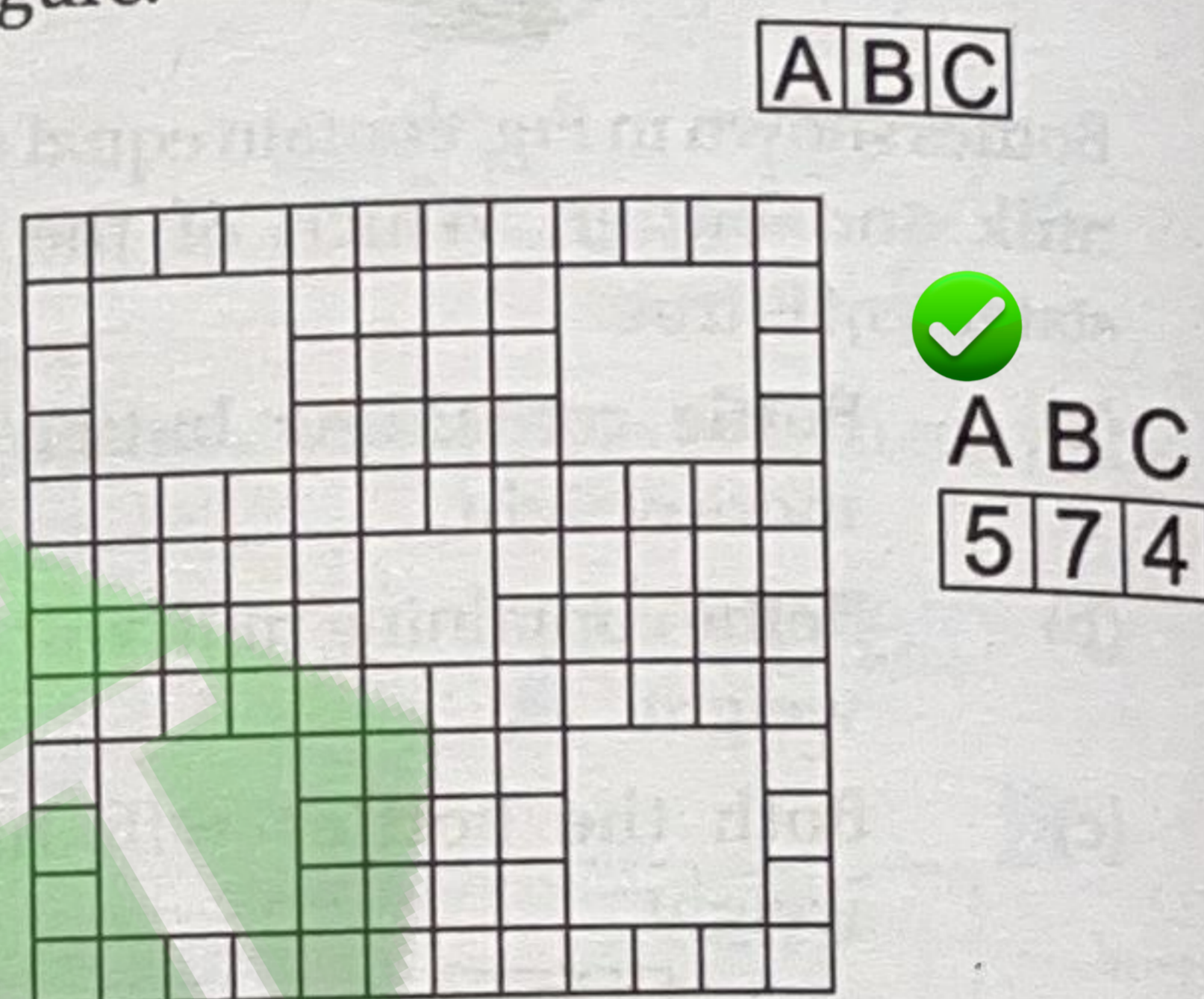
34. Here you see different podiums. Which one is the most difficult to tile? A, B or C



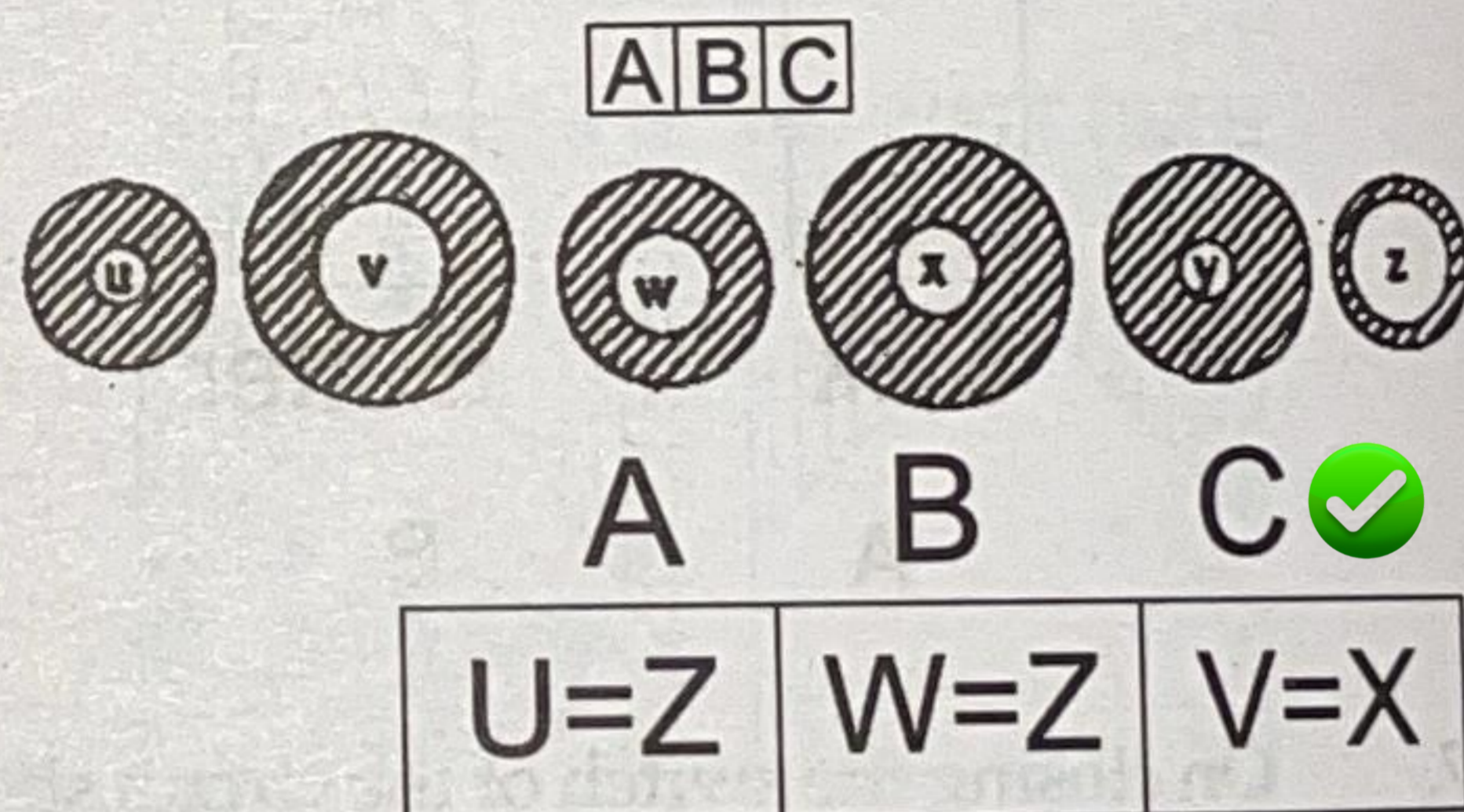
35. Count all possible equilateral triangles.



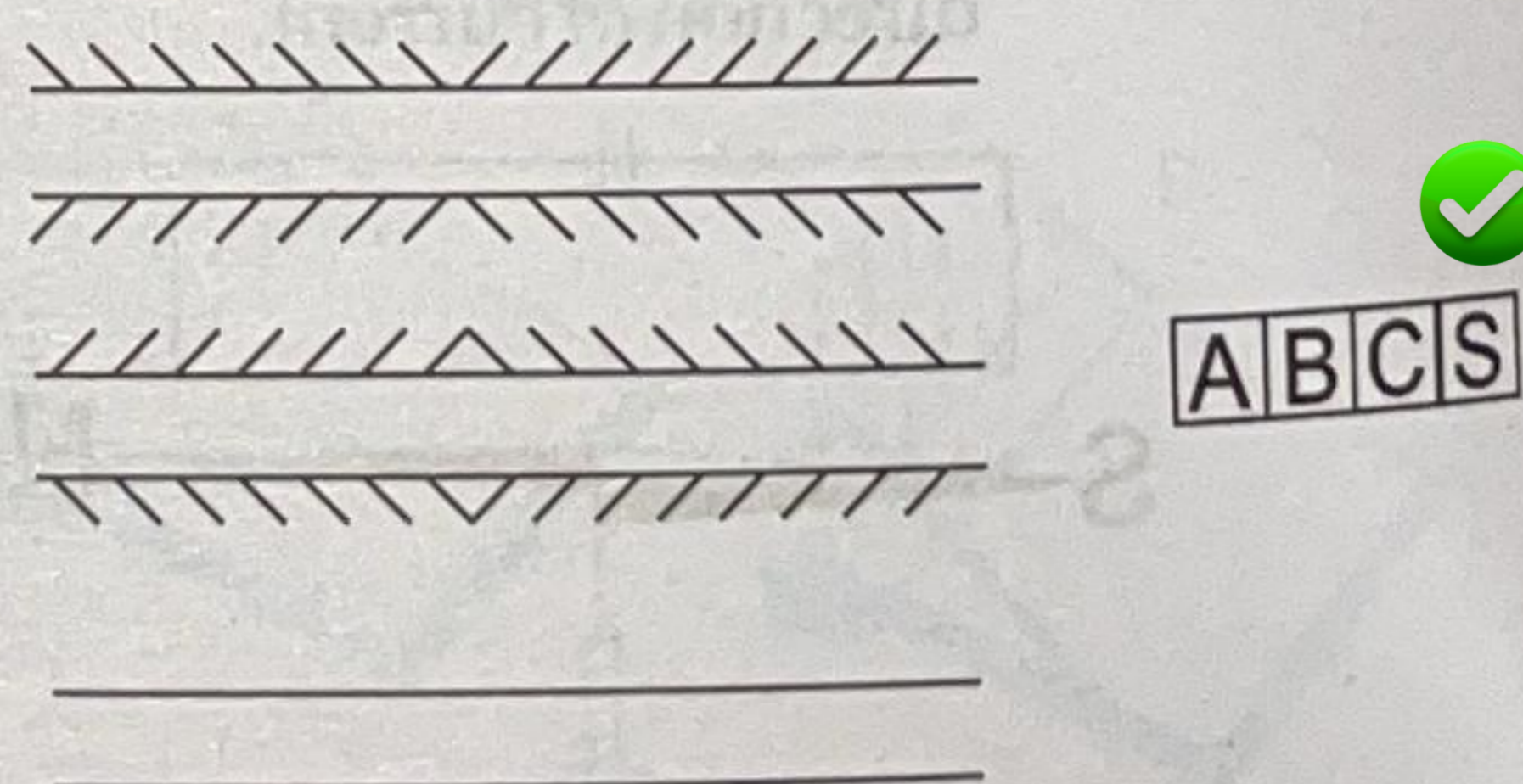
36. Count all the Big squares in the following figure.



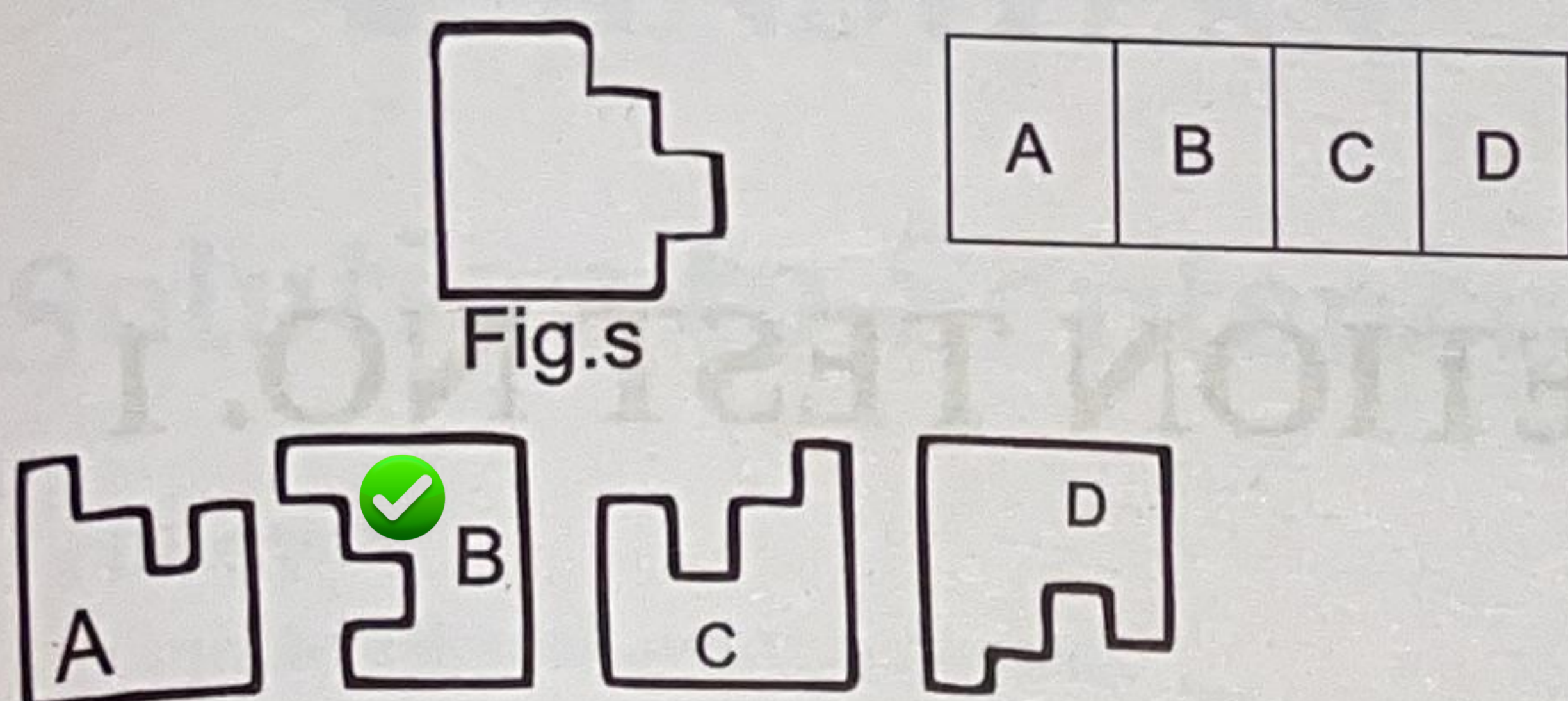
37. Find the circles with equal diameter.



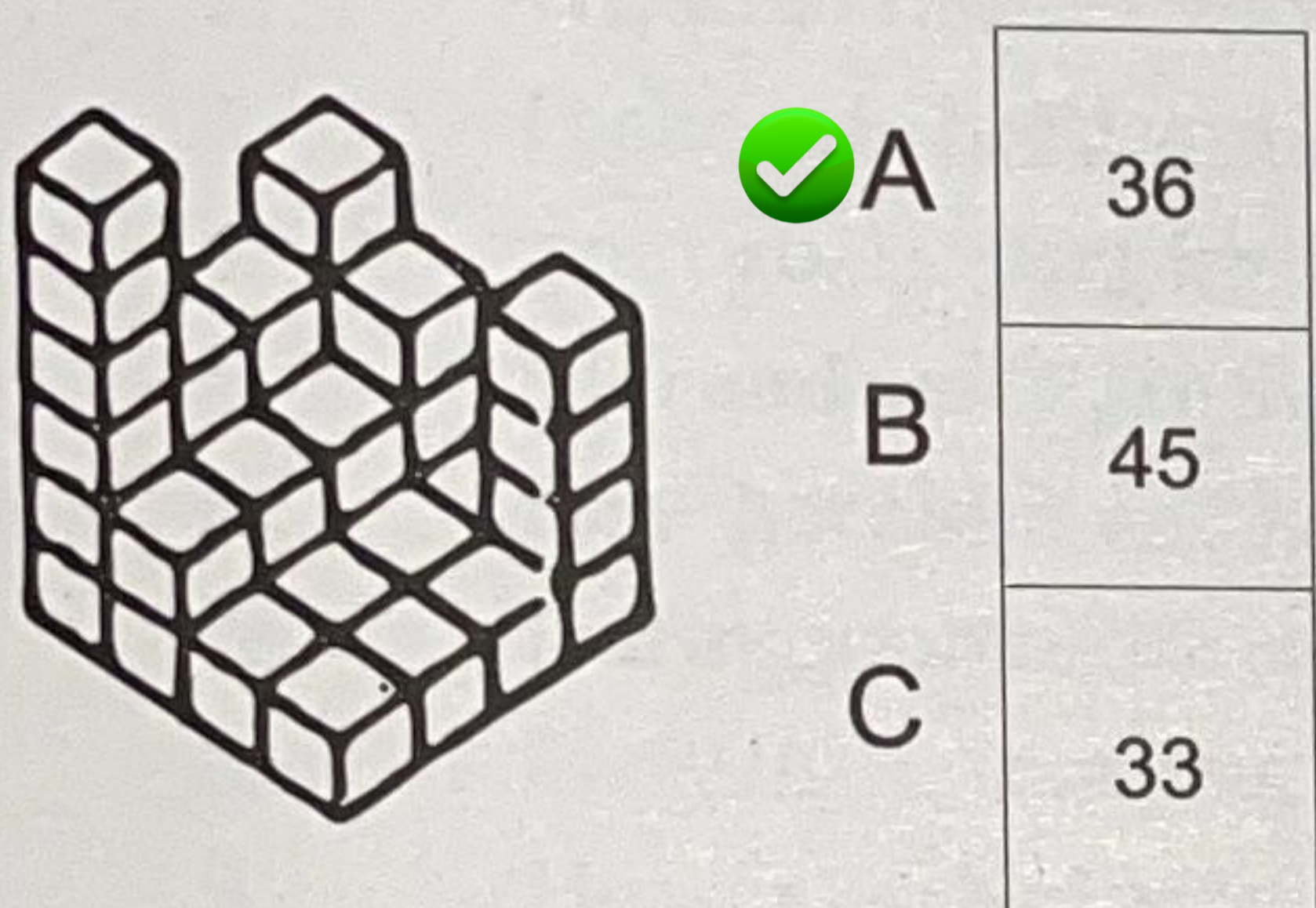
38. Which set of lines is parallel? If all are parallel write "S" in your answer.



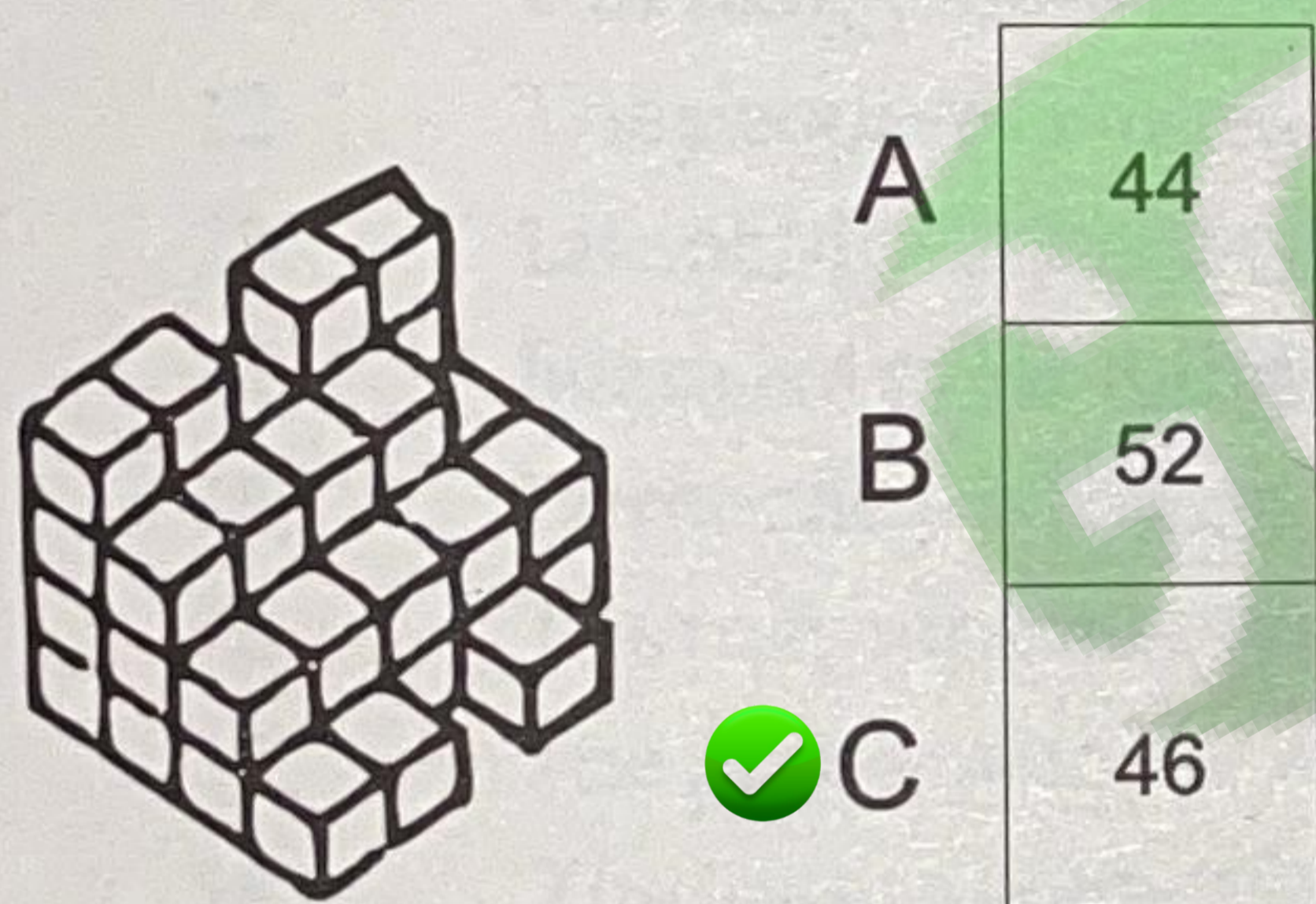
39. Which one of the lettered figure makes a rectangle with the given figure "S" En-circle the correct answer.



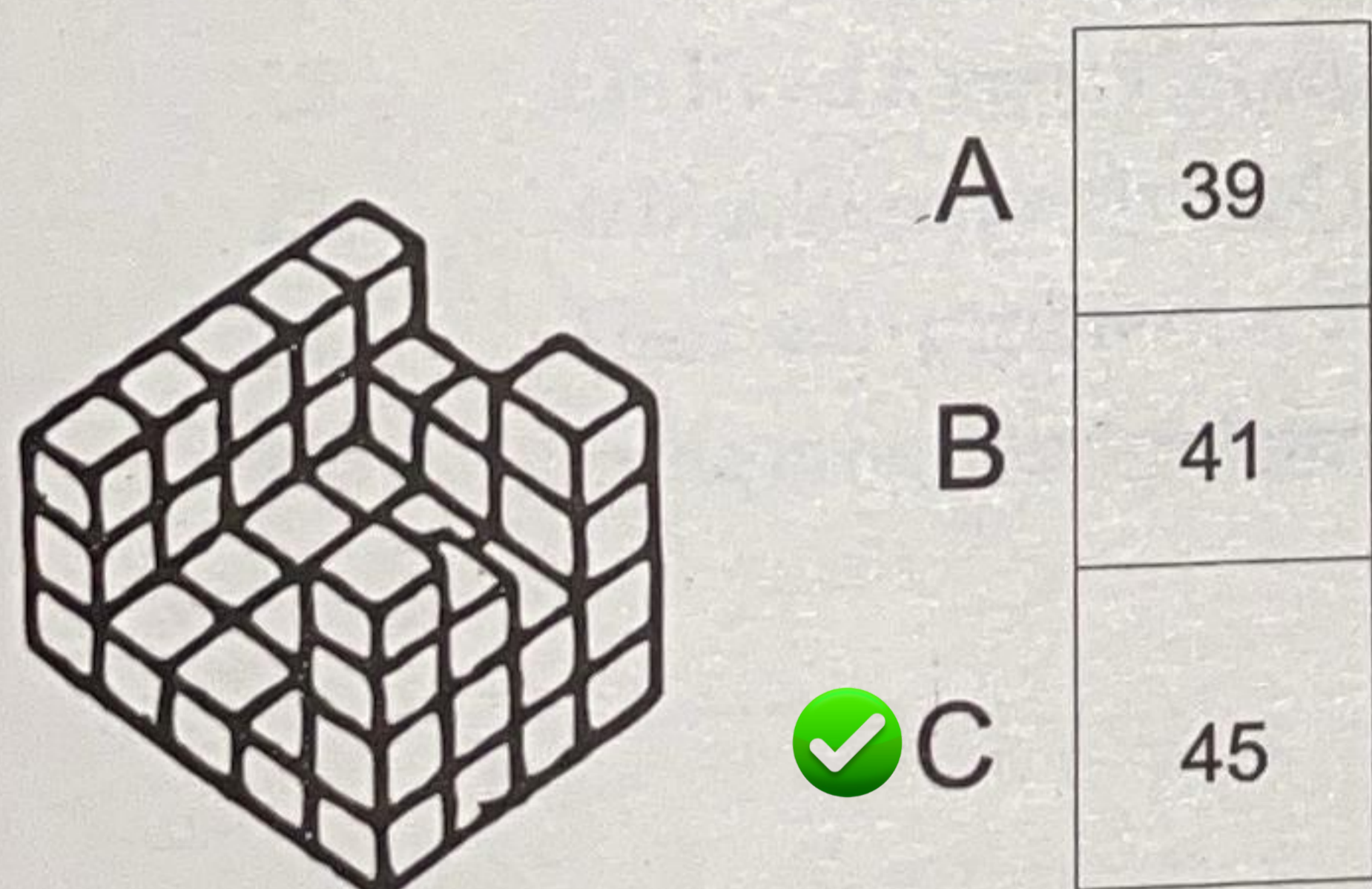
40. The cubes in the figure given below.



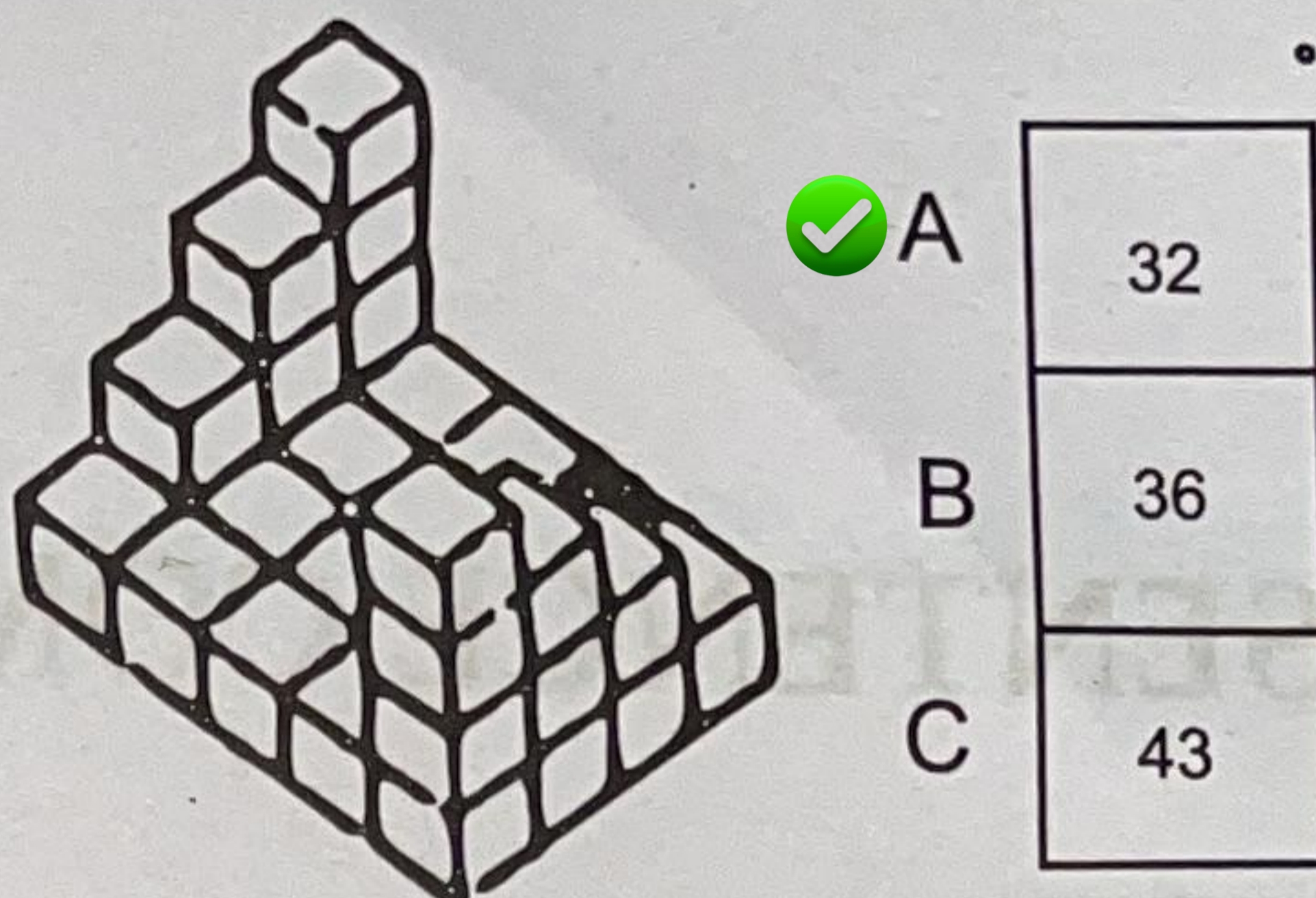
41. Count the cubes in the figure given below.



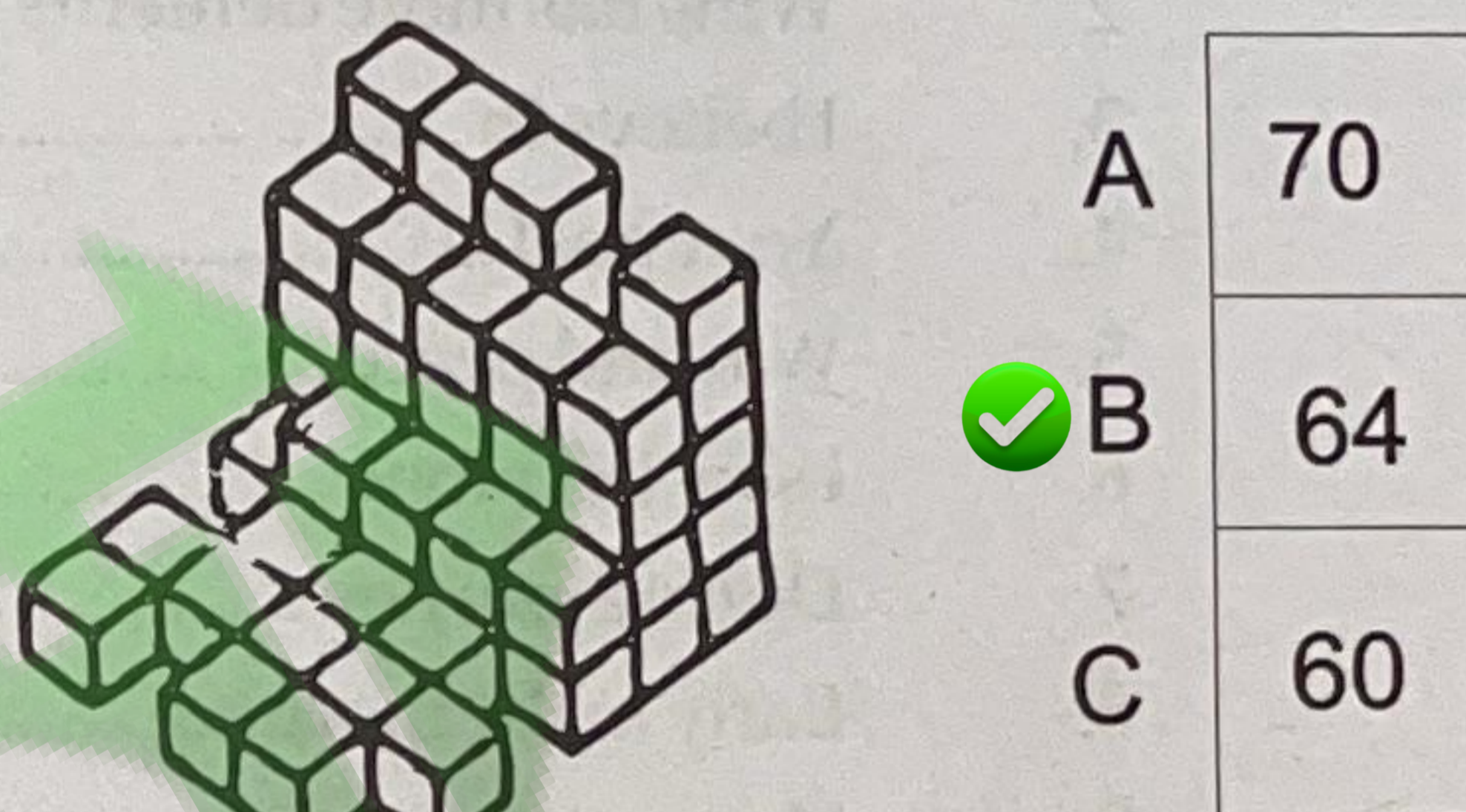
42. Count the cubes in the figure given below.



43. Count the cubes in the figure given below.



44. How many cubes are found in the figure given below?



ANSWER KEY

1. B	11. A	21. A	31. B	41. C
2. A	12. A	22. B	32. C	42. C
3. B	13. A	23. B	33. A	43. A
4. A	14. C	24. B	34. B	44. B
5. B	15. C	25. A	35. A	
6. A	16. B	26. B	36. A	
7. B	17. B	27. A	37. C	
8. A	18. A	28. B	38. S	
9. B	19. B	29. C	39. B	
10. B	20. C	30. A	40. A	