

QUESTION

Two identical cylinders are shown. The left cylinder is partially filled with water, and the right cylinder is completely filled with water. The cylinders are placed on a horizontal surface.



- Which of the following best describes the pressure distribution in the water in the left cylinder?
- A. The pressure is the same at all depths.
 - B. The pressure increases with depth.
 - C. The pressure decreases with depth.
 - D. The pressure is zero at the surface and increases with depth.

ANSWER: B

ANSWER

The correct answer is B. The pressure in a fluid increases with depth.



- Which of the following best describes the pressure distribution in the water in the right cylinder?
- A. The pressure is the same at all depths.
 - B. The pressure increases with depth.
 - C. The pressure decreases with depth.
 - D. The pressure is zero at the surface and increases with depth.

ANSWER: B