



ASVAB-SECTION-3^{Q&As}

ASVAB Section Three : Mechanical Comprehension

Pass ASVAB ASVAB-SECTION-3 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.pass4itsure.com/asvab-section-3.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by ASVAB
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers



**QUESTION 1**

The brakes on your car use the same force that stops your car if you just let it coast.

This force is called _____.

- A. velocity
- B. gravity
- C. friction
- D. newton

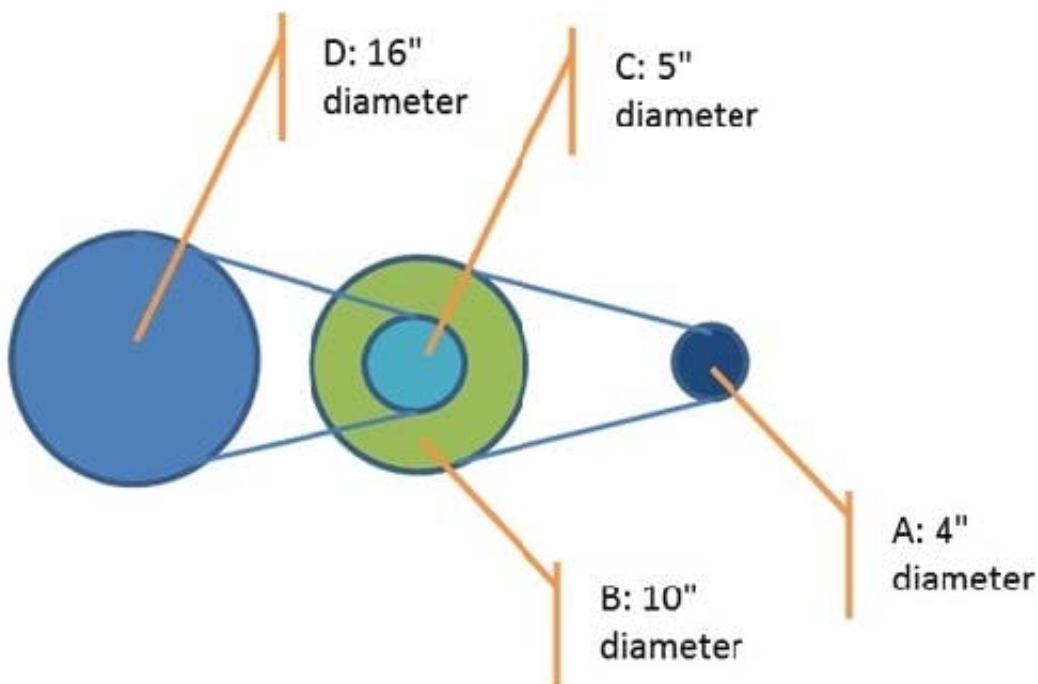
Correct Answer: C

Friction is used to stop a car.

The brakes rub against the wheel drum or the disc to cause the car to stop. This rubbing is creating friction.

QUESTION 2

In the pulley system below, how fast does pulley D rotate, if pulley A rotates at 100 rpm?



- A. 25 rpm
- B. 50 rpm
- C. 100 rpm



D. 12.5 rpm

Correct Answer: D

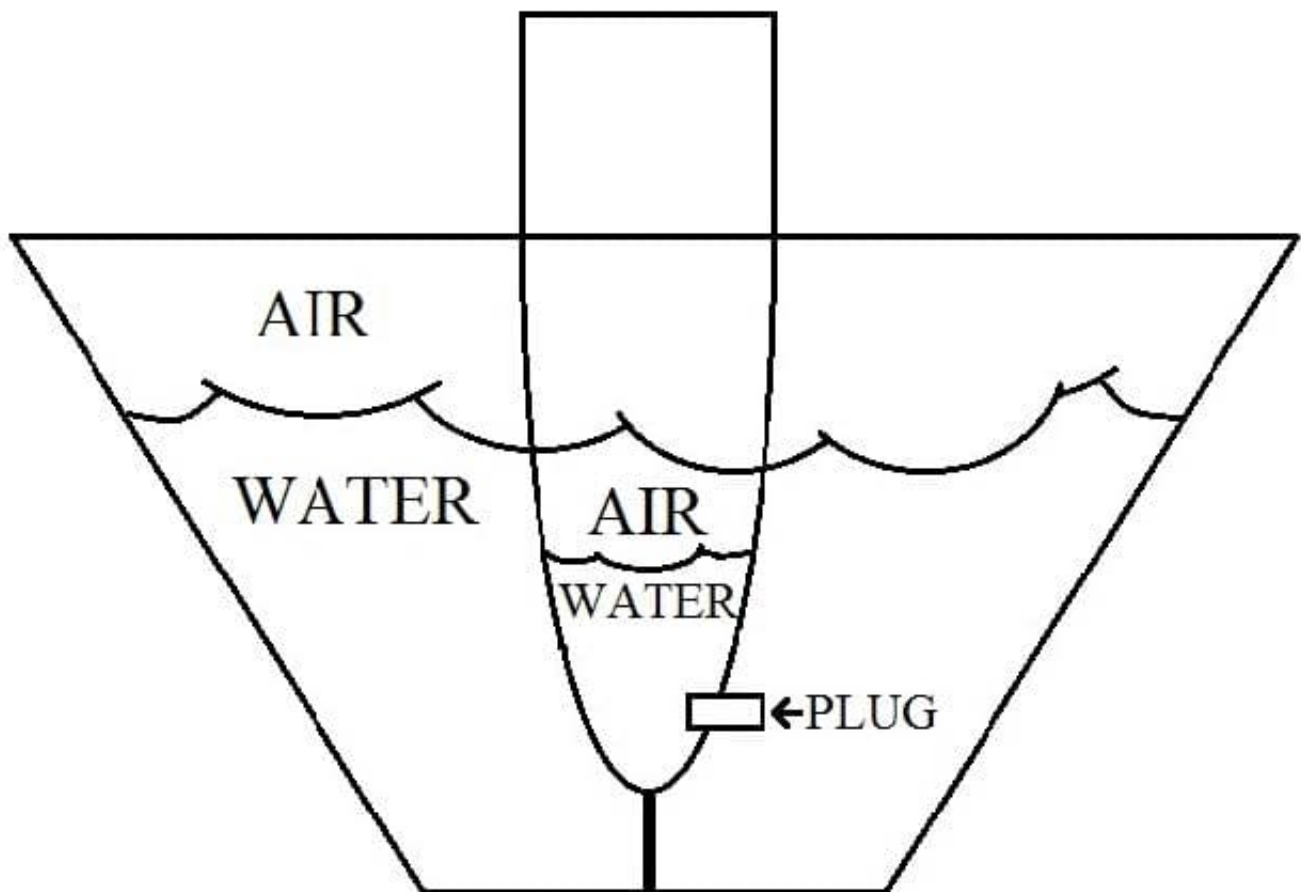
A larger pulley causes a smaller pulley to rotate faster by the ratio of their diameters.

If pulley A rotates at 100 rpm, then pulley B rotates at $100 \times 4/10 = 40$ rpm. Since C is directly connected to B it rotates at the same rate (40 rpm).

Finally, pulley D will rotate at $40 \text{ rpm} \times 5/16 = 12.5 \text{ rpm}$

QUESTION 3

When the plug in the tube is removed, water will flow _____.



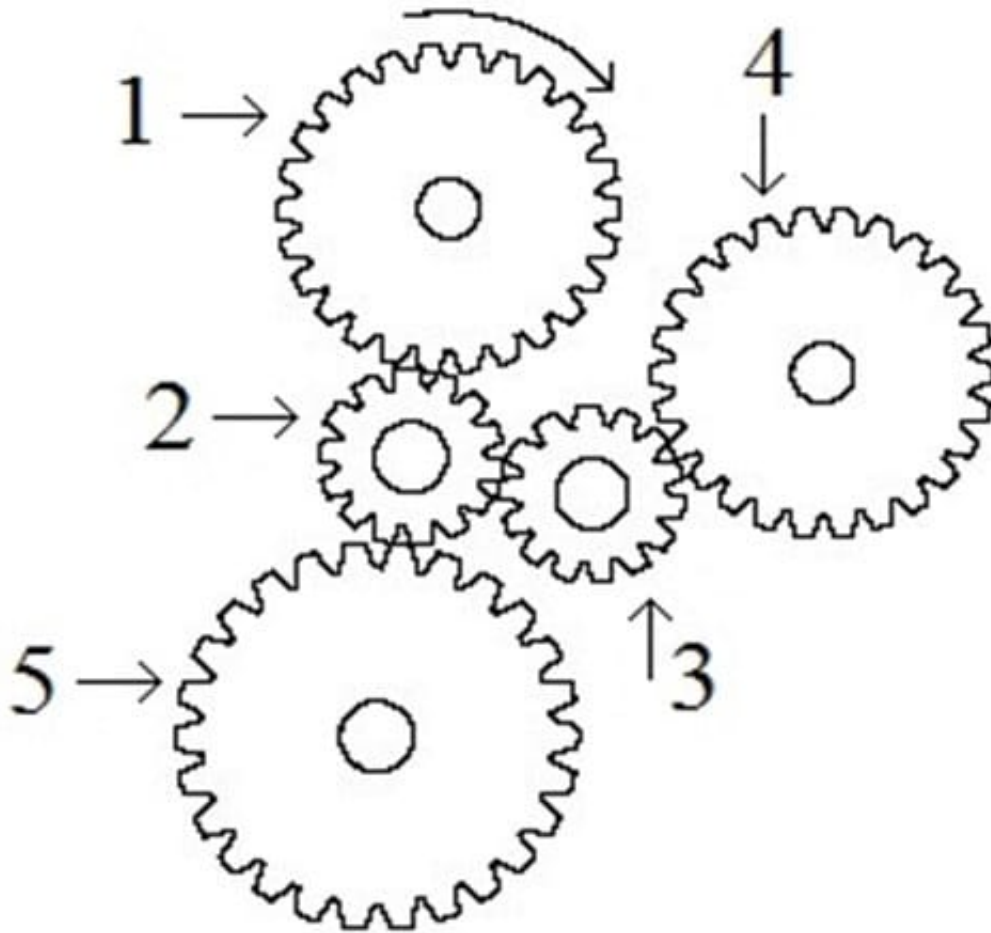
- A. into the tube
- B. out of the tube
- C. neither direction
- D. impossible to tell



Correct Answer: A

When the plug is removed, water will flow into the tube to equalize the water level both inside and outside the tube.

QUESTION 4



If Gear 1 moves in a clockwise direction, which other gears also turn clockwise?

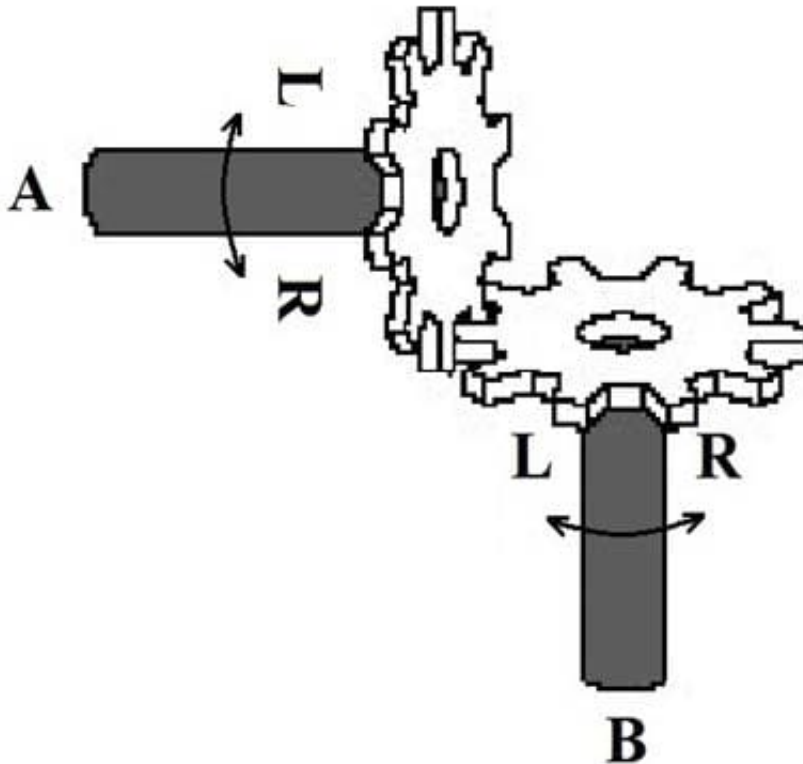
- A. 3 and 5
- B. 3, 4, and 5
- C. 2 and 5
- D. 3 and 4

Correct Answer: A

Gears with their teeth together in mesh turn in opposite directions. Gear 1 turns clockwise. Gear 2, in mesh with Gear 1, turns counterclockwise. Gear 3, in mesh with Gear 2, turns clockwise. Gear 4, in mesh with Gear 3, turns counterclockwise. Gear 5, in mesh with Gear 2, turns clockwise.



QUESTION 5



If Gear A turns left in the figure above, Gear B _____.

- A. won't turn
- B. turns left
- C. turns right
- D. It can't be determined.

Correct Answer: C

Gears in mesh always turn in opposite directions.

[Latest ASVAB-SECTION-3 Dumps](#)

[ASVAB-SECTION-3 VCE Dumps](#)

[ASVAB-SECTION-3 Exam Questions](#)