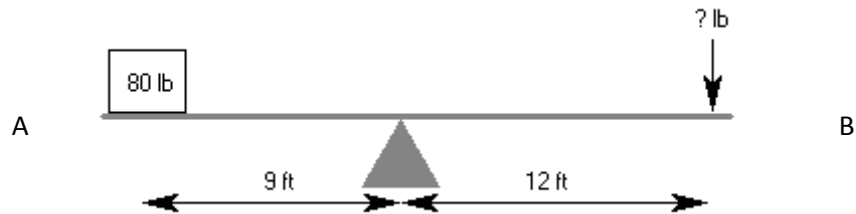
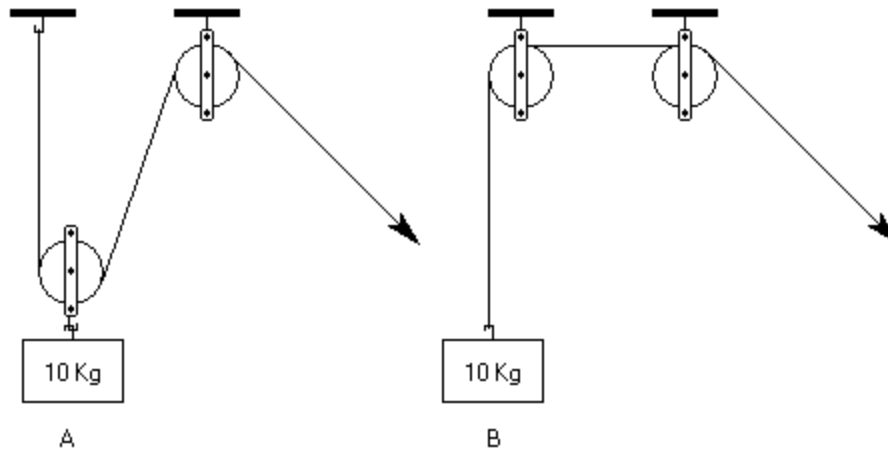


MECHANICAL EXAM PRACTICE

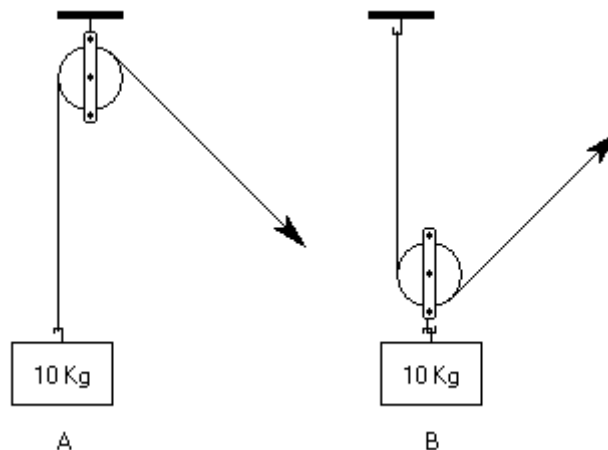
1. Would B be able to lift more or less than 80 lbs on its end?



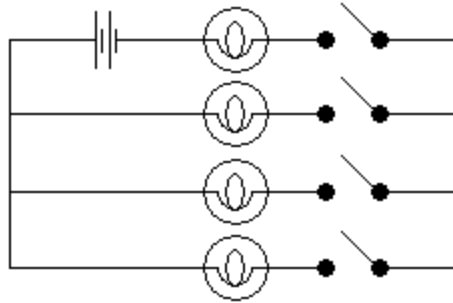
2. Which weight requires the least force to move?



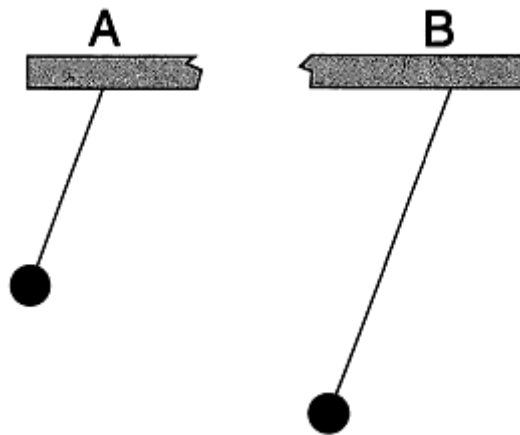
3. Which weight requires the least force to move?



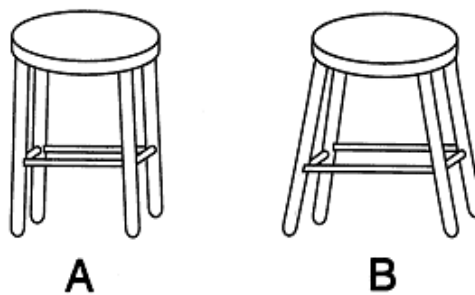
4. How many switches need to be closed to light up one bulb?



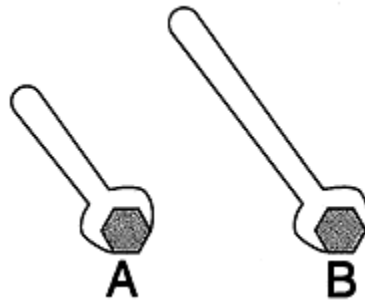
5. You put the same amount of weight at the end of these two pendulums. If you let go of the two pendulums at the same time, which will swing back and forth more times in a minute?



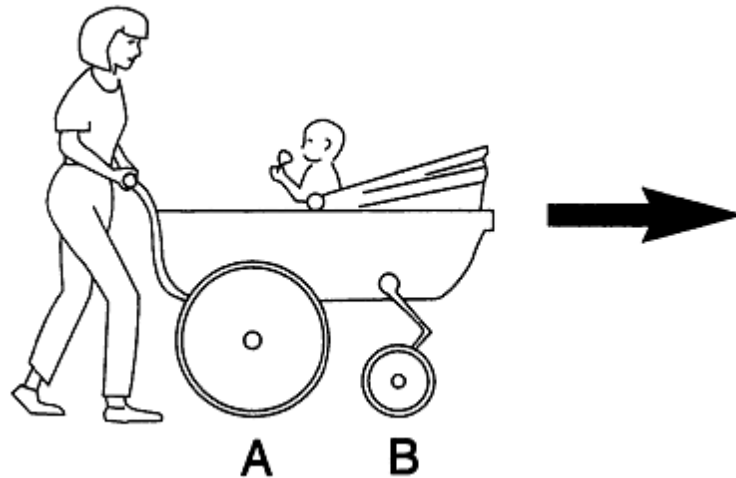
6. These stools are the same height. Which is more likely to tip over when an active child sits on it?



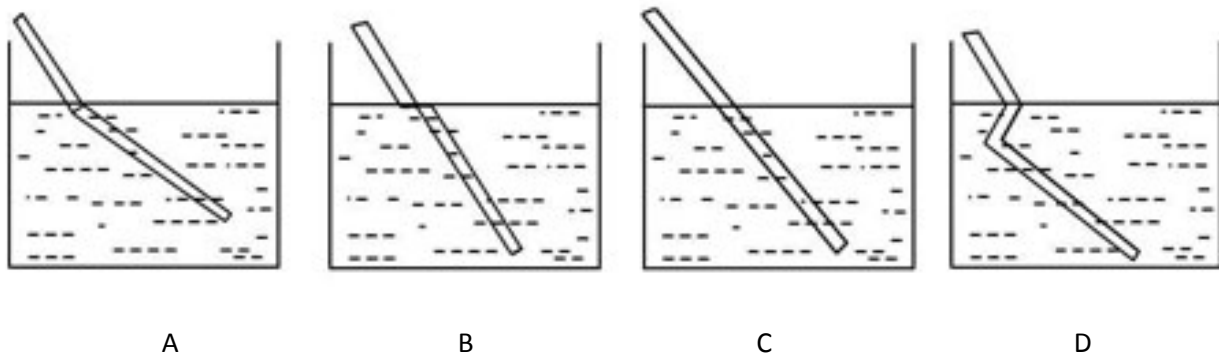
7. Which wrench will make it easier to tighten the bolt?



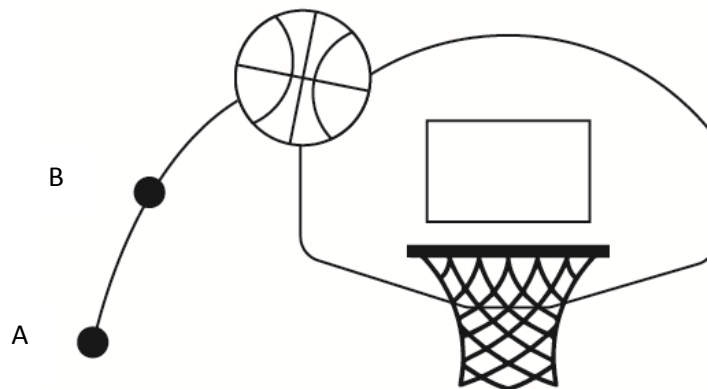
8. Which wheel is turning faster?



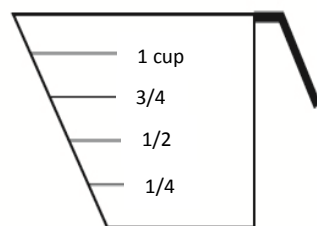
9. What would a glass rod look like when immersed in water?



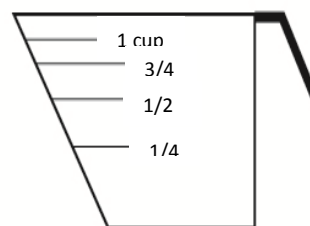
10. At which point will the ball go faster?



11. Which measuring cup is marked correctly?



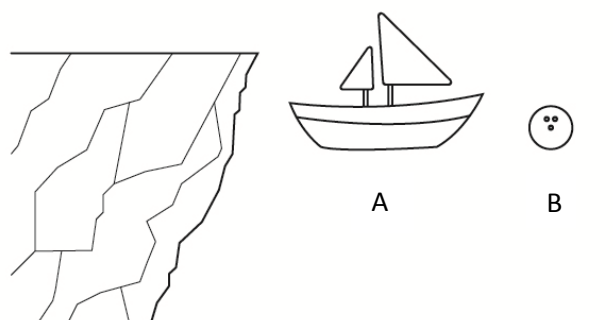
A



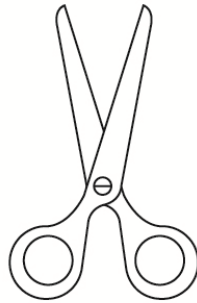
B

12. If a boat and bowling ball fall off a 200ft. cliff at the same time, which would hit the ground first?

- A) Boat
- B) Ball
- C) Both



13. Which pair of scissors will cut through cardboard easier?

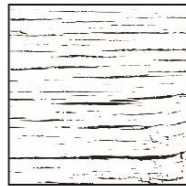


A



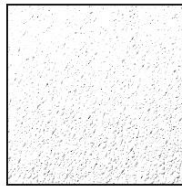
B

14. Which box is heavier?



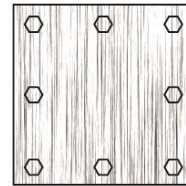
Wood

A



Plastic

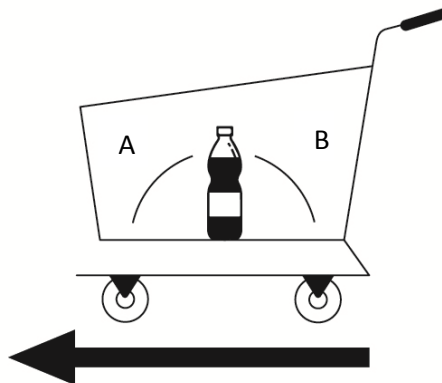
B



Metal

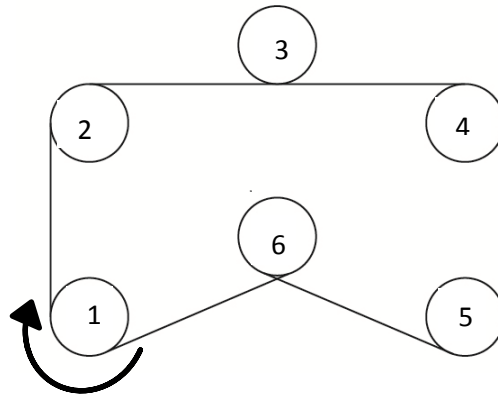
C

15. If the cart is moving in the direction of the arrow and suddenly stops, which direction will the pop fall?

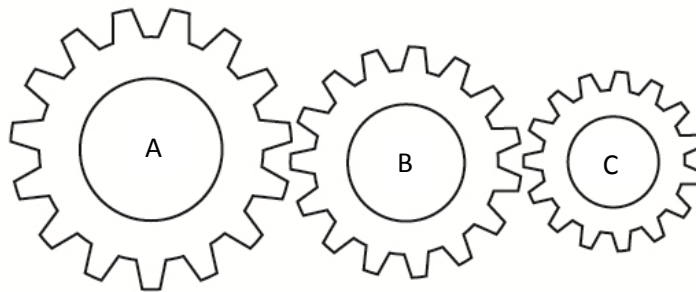


16. If pulley #1 is moving clockwise, which direction is pulley #3 moving?

- A) Clockwise
- B) Counterclockwise



17. Which gear will turn fastest?



**Mechanical Test
Practice Phone App:**

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By Aliaksandr Uvarau

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Description

The Bennett mechanical comprehension test is a psychological aptitude test in engineering that is designed to measure one's mechanical intelligence, ability to interpret technical drawings, understand diagrams of technical devices and their work, and solve engineering tasks.

This test is destined to detect technical abilities of adolescents (12 and over) and adults. It includes 70 tasks that require technical problem solving. In each task test subjects should choose the correct answer out of 3.

The test time is about 30 minutes.

There is a free version of this app; however, it does not provide reasoning to the solutions. We recommend purchasing the \$0.99 version because it provides detailed solutions to the 70 questions.

ANSWER SHEET:

- | | |
|---------|-------|
| 1. More | 10. A |
| 2. A | 11. B |
| 3. B | 12. C |
| 4. 2 | 13. B |
| 5. A | 14. C |
| 6. A | 15. A |
| 7. B | 16. B |
| 8. B | 17. C |
| 9. A | |