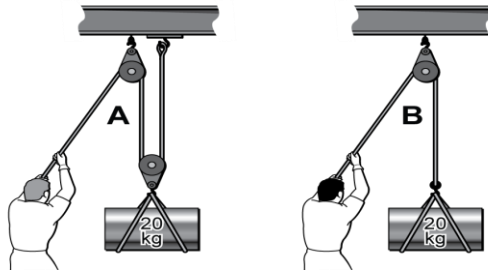


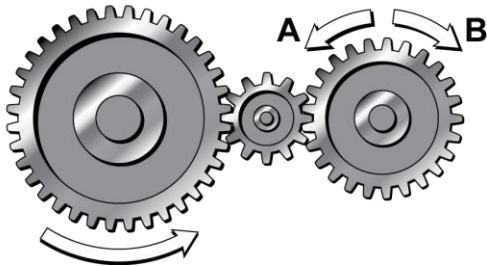
Sample Mechanical Reasoning Assessment

1.



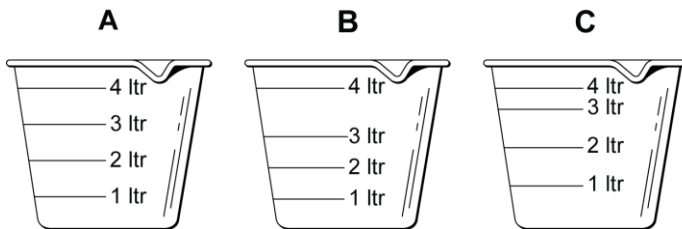
Which person must pull harder to lift the weight?
(If no difference, mark C.)

2.



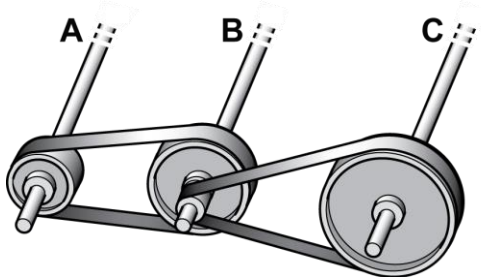
When the left-hand gear turns in the direction shown, which way does the right-hand one turn?
(If either, mark C.)

3



Which measure is marked properly?

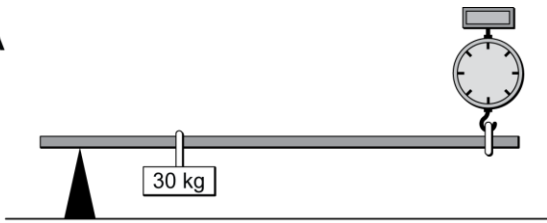
4.



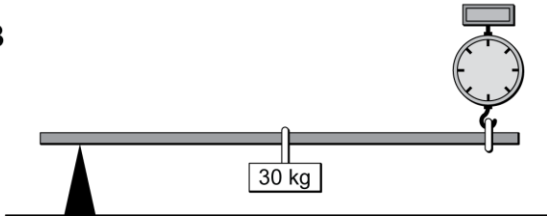
Which shaft will turn most quickly?

5.

A

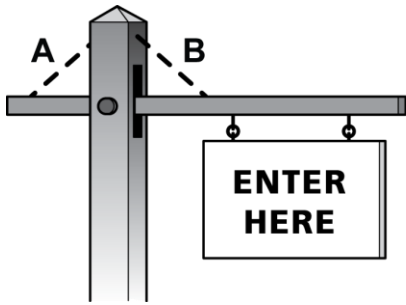


B



In which picture will the scales read lower (less weight)?
(If equal mark C.)

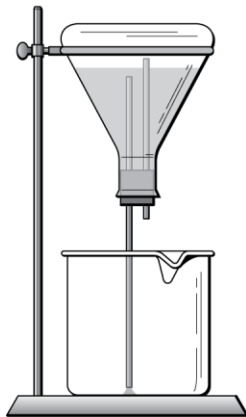
6.



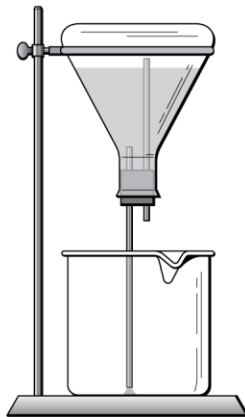
Where should a chain be attached to hold up the sign?
(If either, mark C.)

7.

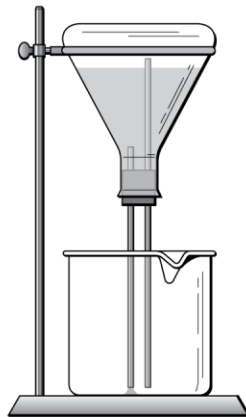
A



B

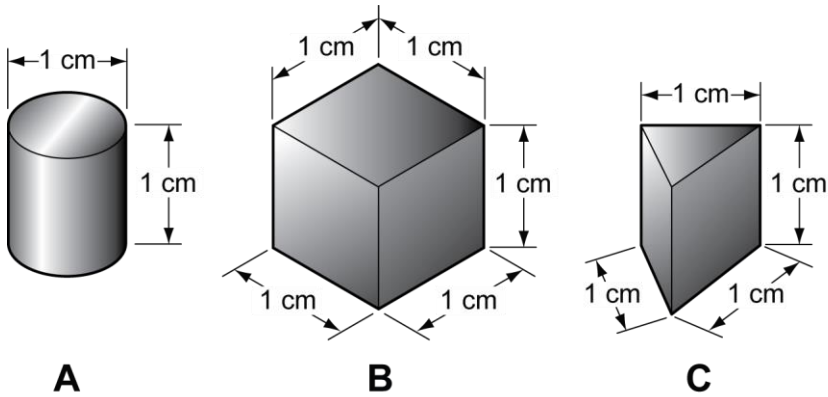


C



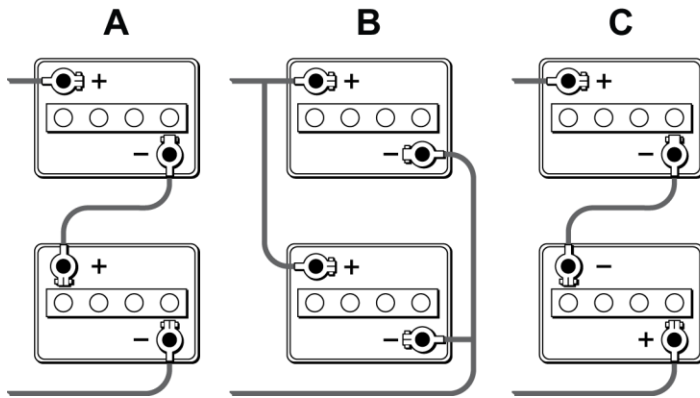
Which system will let the most water run out?

8.



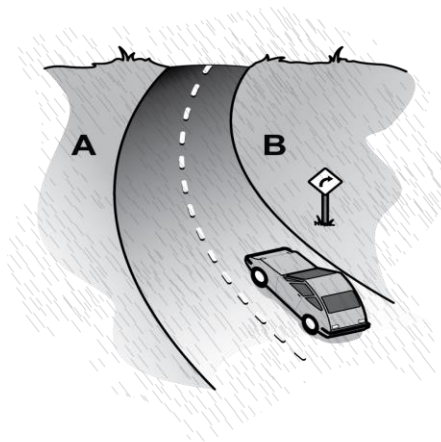
Which weighs most?

9.



Which diagram shows two 6-volt batteries connected to give 12 volts?

10.



Off which side of the road is the car least likely to skid?
(If no difference, mark C.)

Answers

1-B; 2-A; 3-C; 4-A; 5-A; 6-B; 7-B; 8-B; 9-A; 10-B

For further study you should look for a test preparation study book in the school or public library for preparing for Mechanical Reasoning, also called Mechanical Aptitude, tests. This subject is sometimes included as part of a larger test study kit for IQ or vocational aptitude testing, such as DAT (Differential Aptitude Testing). The one our students recommend is:

BF 433 .M4 L668 1996

Arco mechanical aptitude and spatial relations test / Joan U. Levy, Norman Levy.
Levy, Joan U.

ISBN: 978 076 890 7094

LC Call Number: BF 433 .M4 L668 1996

Personal Author: Levy, Joan U.

Title: Arco mechanical aptitude and spatial relations tests / Joan U. Levy, Norman Levy.

Edition: 5th Revised Edition

Publication info: New York, NY: Macmillan, 1996

Physical Description: 277 p.: illustration

Subject term: Mechanical ability-Examinations, questions, etc.

Subject term: Reasoning (Psychology) – Examinations, questions, etc.

Added author: Levy, Norman

Ask a librarian for help locating what you need. These books are also available in bookstores. The internet has much information on mechanical reasoning as well.