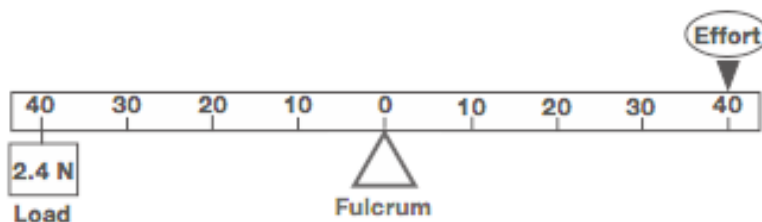


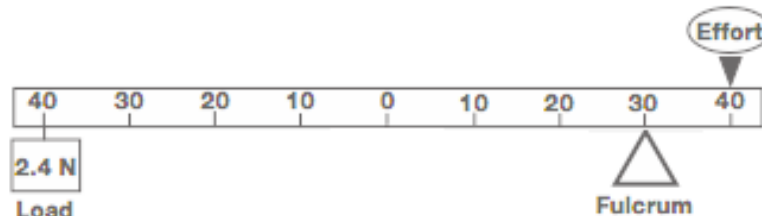
## Which lever system will require the least effort to lift the load?

Below are three different lever systems. Each of the lever systems has a load hanging at the 40 cm position on one side, and the effort at the 40 cm position on the other side.

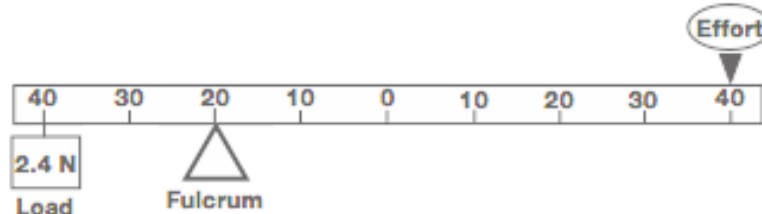
LEVER A



LEVER B



LEVER C



Which lever system will require the least effort to lift the load?

Using what you learned in your lever investigations, write a paper that identifies which lever will require the least effort to lift the load. Use evidence to support your claim and explain your reasoning. Be sure to include why the other two lever systems require more effort.

### Don't Forget to...

Plan your writing using an outline, web or graphic organizer. As you write each draft of your assignment, it's important to use what you know as a writer to communicate your ideas effectively.

- ✓ Provide a clear claim that answers the question.
- ✓ Include evidence -- using data from class activities, experiments and other resources.
- ✓ Include reasoning to show how your evidence supports your claim.
- ✓ Use vocabulary that you have learned in science class.
- ✓ Correct grammar, punctuation, and spelling errors.