

Name: _____

Date: _____

LEVERS IN ACTION: USING SIMPLE MACHINES TO DO WORK

With your group, design an efficient lever system to lift the bucket of water. Draw and label a diagram of your lever system, making sure all parts of the lever are labelled.

Now that you've tested your system, what changes will you make to increase the efficiency of your design. Draw and label any changes below.

What variables did you adjust in your second test? Which variables made the biggest difference to your test?