

What's work?

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Per: \_\_\_\_\_

At each lab table, describe which scenario is more work. Please be sure to explain why each one is more work. You should draw pictures to illustrate each scenario.

|           |  |
|-----------|--|
| Station 1 |  |
| Station 2 |  |
| Station 3 |  |
| Station 4 |  |

What's work?  
How much?

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Per: \_\_\_\_\_

For each lab table, calculate how much work is being done in each scenario.

|           |   | Scenario 1 | Scenario 2 |
|-----------|---|------------|------------|
| Station 1 | Weight of one book:<br>Height of lab table:<br>Height of stool: |            |            |
| Station 2 | Weight of one book:<br>Height of lab table:                     |            |            |
| Station 3 | Weight of one block:<br>Height of container:                    |            |            |
| Station 4 | Weight of one book:<br>Height of lab table:                     |            |            |

BONUS: Calculate how much work is done to slide one book across the width of the lab table.