**Step 1:**
What is the height of the classroom door? ______
What is the width of one desk? ______
What is the length of string 1? ______

**Step 2:**
Did you and your secret partner get the same answers? __________
Why do engineers need to be able to measure accurately?
_______________________________________________________

**Step 1:**
What is the height of your desk? ______
How tall is the teacher? ______
What is the length, width and height of book 1? ____x____x____

**Step 2:**
Did you and your secret partner get the same answers? __________
Why do engineers need to be able to measure accurately?
_______________________________________________________

**Step 1:**
What is the width of the classroom door? ______
How long is one board eraser? ______
What is the length, width and height of book 2? ____x____x____

**Step 2:**
Did you and your secret partner get the same answers? __________
Why do engineers need to be able to measure accurately?
_______________________________________________________
Step 1:
How tall is one whiteboard marker? ______

How wide is one window? ______

What is the length, width and height of book 2? ____x____x____

Step 2:
Did you and your secret partner get the same answers? __________

Why do engineers need to be able to measure accurately?
____________________________________________________________________

Step 1:
What is the height of your desk? ______

How wide is the hallway? ______________________

What is the length, width and height of book 3? ____x____x____

Step 2:
Did you and your secret partner get the same answers? __________

Why do engineers need to be able to measure accurately?
____________________________________________________________________

Step 1:
How wide is this piece of paper? ______

How tall is your chair? ______

What is the length of string 2? ______

Step 2:
Did you and your secret partner get the same answers? __________

Why do engineers need to be able to measure accurately?
____________________________________________________________________
**Step 1:**
What is the height of your desk? ______
How long is the entire whiteboard? ______
What is the length of string 3? ______

**Step 2:**
Did you and your secret partner get the same answers? __________
Why do engineers need to be able to measure accurately?
__________________________________________________________

**Step 1:**
How wide is your classroom (front to back)? ______
How tall is the teacher? ______
What is the length of string 1? ______

**Step 2:**
Did you and your secret partner get the same answers? __________
Why do engineers need to be able to measure accurately?
__________________________________________________________

**Step 1:**
How wide is your classroom door? ______
How wide is one window? ______
How tall is your desk? ______

**Step 2:**
Did you and your secret partner get the same answers? __________
Why do engineers need to be able to measure accurately?
__________________________________________________________
**Step 1:**
How tall is the teacher? ______

How tall is your chair? ______

How long is a board marker? ______

**Step 2:**
Did you and your secret partner get the same answers? __________

Why do engineers need to be able to measure accurately?
________________________________________________________________________

**Step 1:**
How wide is one closet door? ______

What are the dimensions of book 1? _____x____x____

How wide is the window? ______

**Step 2:**
Did you and your secret partner get the same answers? __________

Why do engineers need to be able to measure accurately?
________________________________________________________________________

**Step 1:**
What is the width of one closet door? ______

How wide is your classroom (front to back)? ______

What is the length of string 2? ______

**Step 2:**
Did you and your secret partner get the same answers? __________

Why do engineers need to be able to measure accurately?
________________________________________________________________________