**Step 1:**

![j0383972[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?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

![j0399496[1]]()

**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?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

![j0399546[1]]()

**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:**![j0308088[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:**![j0395901[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:**![j0232723[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:**

![j0281037[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:**![j0304643[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:**

![j0291940[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:**![j0296051[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?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

![j0325664[1]]()

**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:**

![j0386793[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?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_