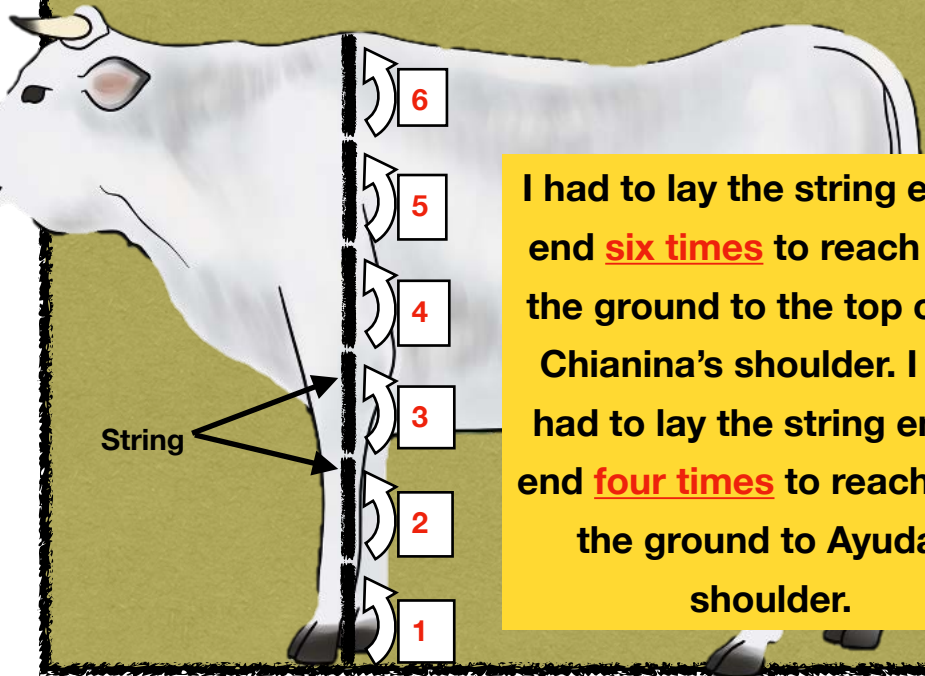
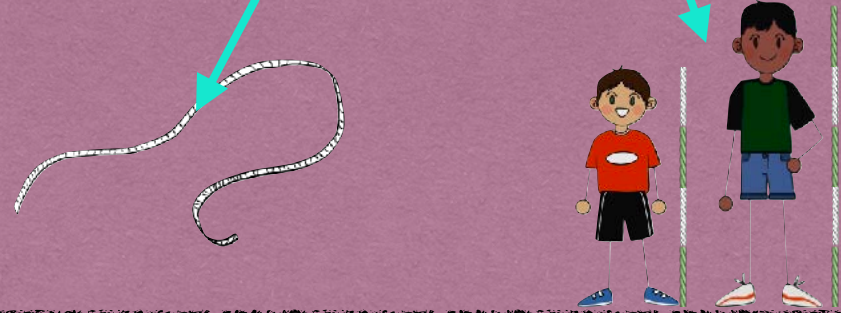
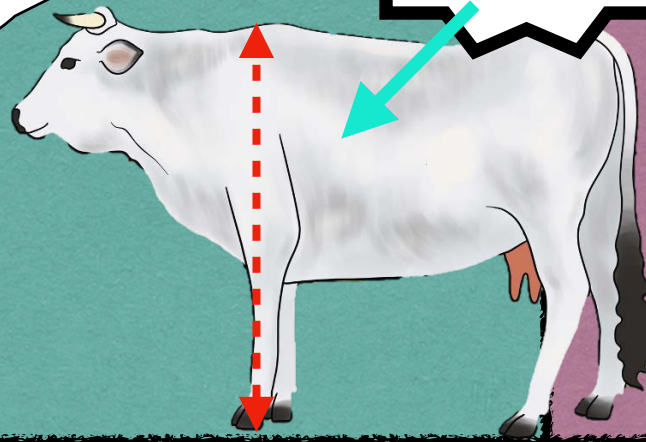


# Trait: Height

Turn to page 2 in your science journal for the section Trait: Height.

Chianina cows have the trait of being tall.

I didn't have a ruler, so I used a piece of string I had in my pocket to measure Ayuda and the Chianina cow. Just like how these kids were measured!



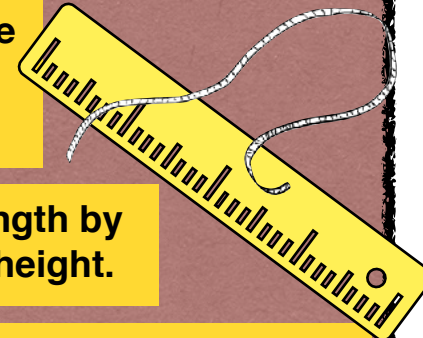
I had to lay the string end to end **six times** to reach from the ground to the top of the Chianina's shoulder. I only had to lay the string end to end **four times** to reach from the ground to Ayuda's shoulder.

1. Measure the length of string I had in my pocket. Write this in your science journal on page 2.

2. Multiply the length of the string by six for the Chianina's height.

3. Then multiply the length by four to get Ayuda's height.

4. Answer questions 8 and 9 in your journal. Leave everything at this station like you found it.



$$12 \times 1 = 12$$

$$12 \times 2 = 24$$

$$12 \times 3 = 36$$

$$12 \times 4 = 48$$

$$12 \times 5 = 60$$

$$12 \times 6 = 72$$

$$12 \times 7 = 84$$

$$12 \times 8 = 96$$

$$12 \times 9 = 108$$

$$12 \times 10 = 120$$

$$12 \times 11 = 132$$

$$12 \times 12 = 144$$



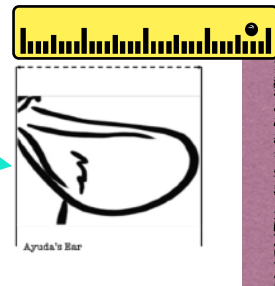
# Trait: Ear Length

Turn to page 1 in your science journal for the section Trait: Ear Length.



Brahman cows have the trait of large ears.

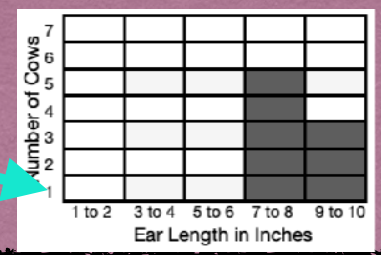
1. Measure the length of Ayuda's ear.



2. Write the length in the table.

Ear Length in Inches	
Ayuda's Ear Length (Inches)	Brahman Cow's Ear Length (Inches)

3. Use the highlighter to color in one box for Ayuda's ear length on the graph.



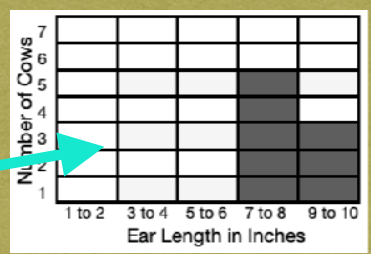
4. Next, measure the length of the Brahman cow's ear.



5. Write the length in the table.

Ear Length in Inches	
Ayuda's Ear Length (Inches)	Brahman Cow's Ear Length (Inches)

6. Use your pencil to color in one box for the Brahman's ear length on the graph.



7. Find the difference by subtracting the size of the smaller ear from the size of the larger ear.

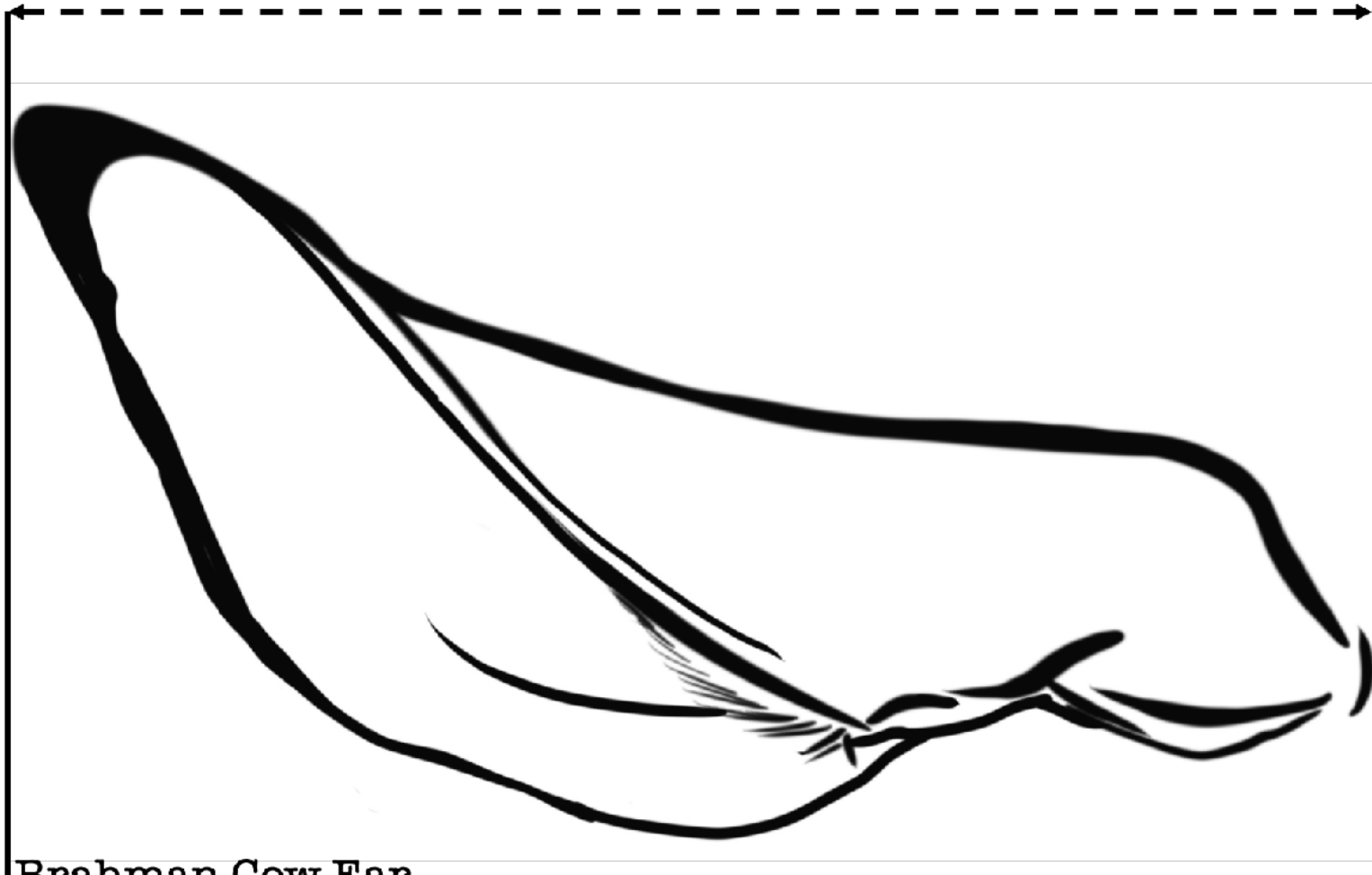
Large – Small = Difference

8. Answer questions 4 and 5 in your journal. Leave everything at this station like you found it.





Ayuda's Ear



Brahman Cow Ear



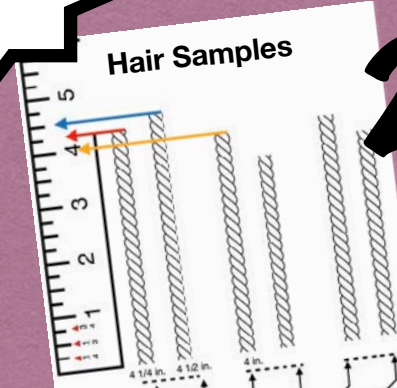
# Trait: Hair Length

Turn to page 2 in your science journal for the section Trait: Hair Length.

Highland cows have the trait of long hair.

1. Ayuda's hair is 2 inches. Write a 2 in the table for Ayuda's hair.

2. Measure the length of hair for each Highland cow. Write the length down for cows 4, 5, and 6 in the table.



	Highland Cow 1	Highland Cow 2	Highland Cow 3	Highland Cow 4	Highland Cow 5	Highland Cow 6
Hair Length (inches)	4 1/4	4 1/2	4			

3.

Next, look at the hair lengths for all six of the Highland cows. Some have only whole numbers and some have whole numbers and fractions.



	Highland Cow 1
Hair Length (inches)	4 1/4

whole number

fraction

4.

Answer questions 6 and 7 in your journal. Leave everything at this station like you found it.



