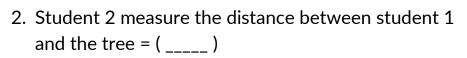


NAME: Student 1:	Student 2:
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Exercise 1: Measuring Approximate Height of a Tree

Instructions:

1.	Student 1 stand with your back towards a tree,	
	bend over and look between your legs, move back	
	or forth, till you can see the top of your tree	







Your biggest step is approximately 1 meter - count your steps from student 1 to the tree

- 3. Student 2 measure the length of one leg of the student 1 = (____)
- 4. Add to the two measurements together

Leg _____ + Distance ____ = ___ Height

Exercise 2: Determining the Approximate Age of the Tree

Instructions:

- 1. Student 1 use the measuring tape to measure the distance from the ground to the height of the 150 cm (1.5m) above the ground
- 2. Student 2 hold your finger at that height on the tree trunk
- 3. Student 1 measure the girth (circumference) of the tree trunk using the measuring tape at the level where the student 2 is holding their finger. The Girth = (_____cm)

On average the tree grows 2.5 cm per year wide

4. Take the measurement of the tree girth in centimetres and divide by 2.5

(Girth) $_$ cm \div 2.5 = $_$ Age of the Tree