
Mathematician: _____

Date: _____ Hour: _____

Activity: "Foot to Height"

Background: The bones of feet can reveal an interesting fact about an individual. Let's combine math with forensics to see how ????????

Procedure:

1. Have 5 adults and 10 students remove their shoes and measure their height (in inches). Record this on the chart below.
2. Measure the length of the volunteer's left foot from the wall to the tip of the big toe. Record this on the chart below.

Person's Name	Foot Length	Actual Height
1. Mrs. Roy	10 inches	67 inches
2. _____ (Adult)	___ inches	___ inches
3. _____ (Adult)	___ inches	___ inches
4. _____ (Adult)	___ inches	___ inches
5. _____ (Adult)	___ inches	___ inches
6. _____ (Yourself)	___ inches	___ inches
7. _____	___ inches	___ inches
8. _____	___ inches	___ inches
9. _____	___ inches	___ inches
10. _____	___ inches	___ inches
11. _____	___ inches	___ inches
12. _____	___ inches	___ inches
13. _____	___ inches	___ inches
14. _____	___ inches	___ inches
15. _____	___ inches	___ inches

1. Do you notice a relationship between the length of your foot and your height? Yes or No

Describe:

2. How do you find the percent of your foot length compared to your height?

3. After completing this activity, what can you conclude from your data?

4. What else did you learn from this activity that you didn't know before you participated in it today?