

Footprints In The Sand

Student Data Page 2D



FOOT ANGLE GROUP DATA TABLE

MEMBER NAME	BASE OF SUPPORT	FOOT ANGLE
1.		
2.		
3.		
4.		




Typical Gait Values

Base of Support	7 – 9 cm.
Foot angle	10 – 14 degrees


CALCULATIONS: Be sure to show your work.

1. Calculate the *mean foot angle* and base of support for your group below. Remember, the mean of a collection of numbers is their arithmetic average, computed by adding them up and dividing by their number.




GROUP MEAN FOOT ANGLE

- Calculate the *median foot angle* and base of support for your group. The median is the middle set of values.



GROUP MEDIAN FOOT ANGLE

- Find the *mode for foot angle* and *base of support* for the group. The most frequently occurring value is the mode.



FOOT ANGLE GROUP MODE	BASE OF SUPPORT GROUP MODE
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- Finally, find the range of values for the foot angle and base of support. Remember that range is the set of all values from lowest to highest.



FOOT ANGLE RANGE	BASE OF SUPPORT RANGE
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- Record your data in the table, *Your Group Calculations*, below.

Your Group CALCULATIONS

	BASE OF SUPPORT	FOOT ANGLE
MEAN		
MEDIAN		
MODE		
RANGE		