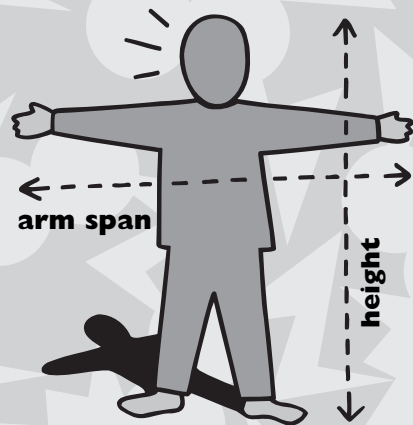


Measure your friends and family members. Are more **girls** squares or rectangles? How about **boys**? What patterns do you notice among different **ages**? **Analyze** your data and see what **conclusions** you can make. Be sure to visit the ZOOM Web site to see data collected by kids from across the country.

Are you a Square or a Rectangle?

What You Need

- meter stick or measuring tape



- 1 **Take off** your shoes.
- 2 Have a partner **measure** your **height** (the distance from your head to your feet) in centimeters.
- 3 Then **measure** your **arm span** (the distance from the longest finger on your left hand to the longest finger on your right hand) in centimeters.
- 4 If your height and arm span are about the same (within 2 cm), you're a **square**. If they're different, you're a **rectangle**.

Data Chart

Initials	Age	Girl	Boy	Height	Arm Span	Square	Rectangle
_____	_____	<input type="radio"/>	<input type="radio"/>	_____ cm	_____ cm	<input type="radio"/>	<input type="radio"/>
_____	_____	<input type="radio"/>	<input type="radio"/>	_____ cm	_____ cm	<input type="radio"/>	<input type="radio"/>
_____	_____	<input type="radio"/>	<input type="radio"/>	_____ cm	_____ cm	<input type="radio"/>	<input type="radio"/>
_____	_____	<input type="radio"/>	<input type="radio"/>	_____ cm	_____ cm	<input type="radio"/>	<input type="radio"/>

Sent in by Andee R. of Boulder, CO