

Reach for the Sky

You need ✓ a tape measure

✓ a metre ruler

✓ classmates

Activity

The Feisty Fabrics company make sports uniforms. They have to outfit a basketball team called the Nikau Knights.

Here are the heights of the team members:



1. Feisty Fabrics have to make a “one size fits all” set of tops and shorts for the team.
 - a. Measure your classmates’ heights, backs, and waist-to-knee lengths to estimate the likely back and waist-to-knee length of each Nikau Knights player.
 - b. Work with a classmate to make a variety of graphs to record this data. Discuss which graph you think is most useful for estimating the measurements of the Nikau Knights players.
2. Discuss with your classmate whether you would use the mode, the median, or the mean to decide how long to make the tops and shorts.

