

GET SET *to* Ace it!



TEAM GB



ParalympicsGB



Get Set to Ace it Tennis and the Values



Worksheet 5

Get a grip

When you play tennis, it's important that your shoes grip the court. **Friction** is the force that controls the amount of grip that shoes have.

This investigation will help you find out which kind of shoe has the best grip.

- Work in a group, taking turns with the tasks.
- You will need a force meter. This measures force (in newtons). Attach the force meter to each shoe and pull them across the table.



Write down how much force was needed to pull each shoe in the table below.

Type of shoe	Force needed to pull it across a table top (newtons)	Other notes
School shoe		
Trainer		
Plimsoll		