

### **TL3: Basic comparison for 800m**

When given time to compare the improvements in men's and women's performances, it is likely that many pupils will have calculated the difference between the first performance and the most recent performance (absolute difference) for men and women. There are other sensible answers which pupils may offer, some of which may be 'fairer' than the basic comparison below.

The comparison below calculates absolute difference from first performance to most recent performance for men and women and can be used as a demonstration if/when pupils raise this as a method for comparing improvements. This analysis is intended to be identified as being 'unfair' and this provides a stimulus for the next activity.

#### **800 m model**

	First recorded time (s)	Most recent recorded time (s)	Difference (s)
Men	131.0	104.65	21.93
Women	136.8	114.87	26.35