

Worksheet 4: Interpreting data

The following table shows the results of three sports day events for eight school athletes: Running (measured in seconds), jumping (measured in metres) and throwing (also measured in metres).

School Sports Day Results				
Athlete	Gender	Run (seconds)	Jump (metres)	Throw (metres)
1	female	18.34	2.56	5.12
2	female	17.21	2.62	5.59
3	male	18.45	0.98	5.34
4	female	19.57	2.34	6.02
5	male	18.51	0.87	5.98
6	male	19.12	1.02	6.21
7	male	17.54	0.94	5.11
8	female	18.21	2.43	5.76

Using the data contained in the table, answer the following questions:

- 1 What does this data set tell us in terms of jump results for female athletes and male athletes?

- 2 Give three possible reasons for your findings from Question 1.