

# Melbourne 2006 – worksheet



1. The results for the men's decathlon are shown below

1. Dean Macey (England) 8143 points
2. Maurice Smith (Jamaica) 8074 points
3. Jason Dudley (Australia) 8001 points
4. Brent Newdick (New Zealand) 7566 points
5. Dale Garland (Guernsey) 7413 points
6. Richard Allan (Australia) 7367 points
7. Matthew McEwen (Australia) 7277 points
8. Guillaume Thierry (Mauritius) 6746 points

- a. What is the range of the 10 results?
- b. What is modal country for the 10 athletes?
- c. What is the sum of points for the gold, silver and bronze winner?
- d. What is the median result?
- e. Make a tally chart for the data using sensible categories eg. 6000-7000 points, 7001-8000 points
- f. Draw a pie chart from your tally chart for the results
- g. Draw a pie chart for the countries of the athletes

2.

## Medals Table

Medals Table				
	G	S	B	Total
Australia	57	51	45	153
England	22	28	22	72
India	16	11	7	34
Canada	14	22	17	53

- a. Draw a pie chart for the medals won by England
- b. What percentage of total medals are won by England?
- c. What percentage of medals won by England are gold?

3. Here are the results for the men's long jump

1. Ignisious Gaisah (Ghana) 8.20 metres
2. Gable Garenamotse (Botswana) 8.17 metres
3. Fabrice Lapierre (Australia) 8.10 metres
4. Khotso Mokoena (South Africa) 8.04 metres

- a. How many centimetres did the winner jump?
- b. If 1 inch = 2.5cm, how far in inches did the winner jump?
- c. What is the mean of the four results?

4. Here are the results for the women's 100m

1. Sheri-Ann Brooks (Jamaica) 11.19s
2. Geraldine Pillay (South Africa) 11.31s
3. Delphine Atangana (Cameroon) 11.39s



- a. What is the average speed in m/s (metres per second) for the Cameroon athlete?
- b. What is the average speed in m/s for the winner?
- c. What is the difference in the two average speeds?

5. Here are the results for the men's marathon

**Men's result:**

1. Samson Ramadhani (Tanzania) 2hr 11min 29sec
2. Fred Mogaka (Kenya) 2:12:03
3. Daniel Robinson (England) 2:14:50
4. Scott Westcott (Australia) 2:16:32
5. Andrew Letherby (Australia) 2:17:10
6. Jacob Yator (Kenya) 2:17:31
7. Shane Nankervis (Australia) 2:19:15
8. Francis Robert Naali (Tanzania) 2:19:39

- a. What is the time in minutes for the winner?
- b. What is the difference in seconds between the winner and the 2<sup>nd</sup> place athlete?
- c. What is the difference in time between the winner and the 8<sup>th</sup> place athlete?



