



Here are some of the most famous 100m winners.

Year	City	Name	Country	Time
1928	Amsterdam	Betty Robinson	USA	12.2 sec
1948	London	Fanny Blankers-Koen	Netherlands	11.9 sec
1988	Seoul	Florence Griffith-Joyner	USA	10.54 sec
1996	Atlanta	Gail Devers	USA	10.94 sec
2008	Beijing	Shelly-Ann Fraser	Jamaica	10.78 sec

1. Betty Robinson won the first women's 100m final. Why do you think the women's race was not held until 1928 when the men began in 1896?
2. Of these women who has run the fastest women's 100m final?.....
3. How much slower was Fanny Blankers-Koen than Shelly-Ann Fraser?
4. How much faster was Florence Griffith-Joyner than Gail Devers?
5. Which athlete won her Gold medal in a city which is in the country that she was representing?
6. What was Betty Robinson's average speed (metres per second) during her race?
You can work this out by dividing 100 by 12.2 (to 2 decimal places)
7. Work out the average speed of each of the other athletes and complete the table on the next page.

Work out the average distance per second each athlete ran and complete the table below.

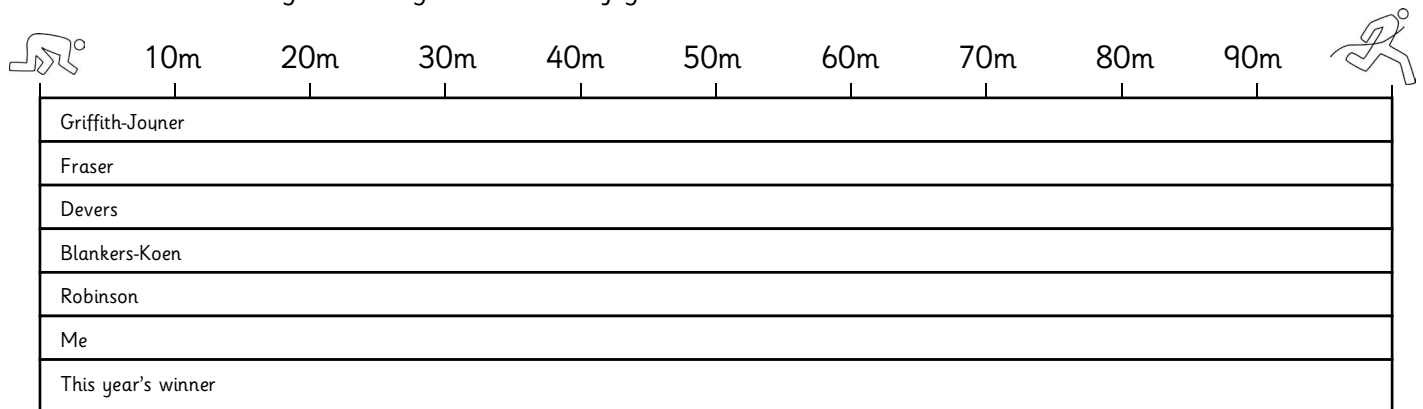
Athlete	Time	Speed (metres per second)
Betty Robinson	12.2 sec	metres per second
Fanny Blankers-Koen	11.9 sec	
Florence Griffith-Joyner	10.54 sec	
Gail Devers	10.94 sec	
Shelly-Ann Fraser	10.78 sec	



Imagine they were all able to run in the same 100m race and run at the same speed as they did in their finals. Mark on the track below where you think they would be when Florence Griffith-Joyner crossed the line?

You can work this out by multiplying their distance run per second by the time of 10.54 seconds.

Also mark where you think you would be if you were in the race. Be realistic!



- Who do you think will win this year's women's 100m final?
- Will they break the record time?
- What do you think will be the winning time?
- If Florence Griffith-Joyner could keep going for ever at the speed she ran the 100 metres, how long would it take her to run 1500 metres?

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Answers

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1. Any sensible answer eg the games in Ancient Greece were only for men, or, it was considered inappropriate for women to race.
2. Florence Griffith-Joyner
3. 1.12 seconds
4. 0.4 seconds
5. Gail Devers
6. 8.20 metres per second.

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(answers to 2 decimal places)

Betty Robinson 8.20 m/sec

Fanny Blankers-Koen 8.4 m/sec

Florence Griffith-Joyner 9.49 m/sec (that means she ran 9.49 metres each second!!)

Gail Devers 9.14 m/sec

Shelly-Ann Fraser 9.28 m/sec

Approximate distances:

