



1. Graph it

Year	Number of GB & NI competitors
1992	20
1996	15
2000	28
2004	30
2008	47
2012	65

Here are the number of medals won by Great Britain and Northern Ireland at the last 6 Olympic Games.

Present this information in a bar graph or line graph. Use a scale of 5 medals for each square.

What other information could you use to create a graph?

Ideas

Total number of medals won in all summer Olympics.

Times or distances in athletic events.

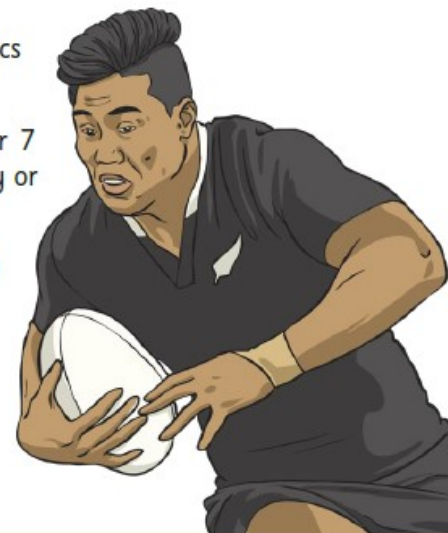


2. Sevens It

In Rio, rugby returns to the Olympics after 92 years.

In Rugby, a team can score 3, 5 or 7 points for a penalty, unconverted try or converted try.

In what ways can the scores from 10 to 20 be made?



3. Ticket It

The Olympics in 2016 are in Rio de Janeiro, in Brazil. Here are the actual prices of some of the tickets. Half price tickets are available to Brazilian residents over 60, and teachers and students in Rio de Janeiro. Calculate the half price cost of the following tickets.

The exchange rate at the time of printing was about £1 to R\$5. Now, calculate the approximate cost of each ticket in sterling (British pounds).

Event	Full Price ticket (R\$)	Half Price Ticket (R\$)
Opening Ceremony	4600	
Athletics	1200	
Marathon	70	
Gymnastics	540	
Football	580	
Cycling	250	
Diving	900	
Equestrian – Eventing	420	
Closing Ceremony	2100	



4. Torch It

The Olympic Torch starts its journey through Brazil on 3rd May 2016. It will travel through over 300 cities. The touch will pass through Brasilia, Corumbá, Pirenópolis and Anápolis.

Can you find 3 different routes to visit all 4 places? How far would the torch travel for each route? Which is the longest distance and which is the shortest?

