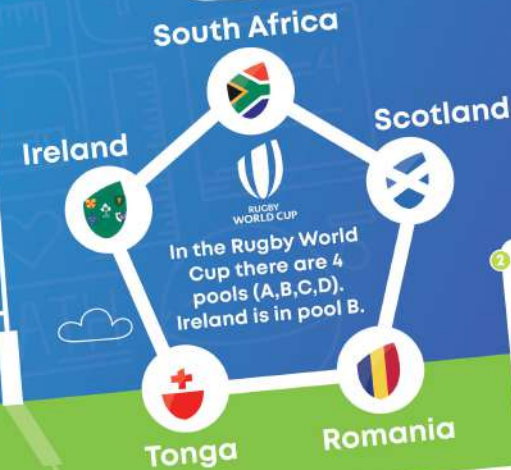


# GIVE MATHS A TRY

RUGBY FACTS



The story is that in 1823 pupils at Rugby School in England were playing football and a boy called **William Webb Ellis** grabbed the ball in his hands and ran at the opposition. This caught on and became rugby football.



1 In the pool stages, each team must play each other team in the group once.  
**How many games are needed in each group?**

2 The top two in each group (8 teams) go into the quarterfinals for the knockout stage.  
**How many games are there in the knockout stage?**  
(There is a game between the two beaten semi-finalists to find 3rd Place team.)

Maths is useful in all sports. There are obvious things like counting the scores. But maths is also used to keep track of players training and performance.

The Rugby World Cup takes place every 4 years.  
The men's world cup takes place in France from 8 September to 28 October 2023. The next women's world cup takes place in England in 2025.

3 A try is 5 points. If you score a try you get to take a conversion kick, which if it goes between the posts and above the crossbar gives 2 points. You can also kick penalty goals and drop goals both of which give 3 points.  
**How many different ways are there for a team to score 12 points?**

RUGBY FACTS

In rugby and a lot of sports players wear **GPS trackers** which can be seen as a bump on the back of the jersey. Maths is used to track the players and tell how fast they move, how hard they are working and the managers can see this information on a screen during the match.



Speed 7.23 km/h  
Heart Rate 125 bpm  
Distance 2462 m

RUGBY FACTS



Earliest ever record of a female playing rugby was **Emily Valentine** who played at the age of 10 in 1887 at Portora Royal School in Enniskillen, Co. Fermanagh. The Irish Women's Rugby Football Union was established in 1991 and the first women's World Cup took place in the same year.



The Rugby World Cup trophy is called the **Webb Ellis Cup**

RUGBY QUIZ

For more facts on Maths & Sports, check out

**TIME ZONES**

Ireland and Britain France / South Africa

Tonga Romania

France and South Africa are 1 hour ahead of Ireland and Britain.  
Tonga is 11 hours ahead of France and South Africa.  
Romania is 1 hour ahead of France and South Africa.  
The first match, Ireland v Romania is on 9th September at 3:30pm (in France).

What time will the match be shown live here?  
What time will people in the other pool countries see it live?



14-22 October 2023  
#IUseMaths #MathsWeek2023

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