



Focus on... Mathematics

#37

On this day in...

1995 during the 3rd Rugby World Cup Final, South African fly-half Joel Stransky landed the winning drop goal in extra time as South Africa beats New Zealand, 15-12. Joel Stransky went on to play for Leicester Tigers. He scored a club record 459 points in 1998 and finishing his Leicester career with 896 career points in 73 matches.

Fun Facts...

Here are a few facts about 24, roughly ranging from 'well-known' to 'obscure':

- A day has 24 hours.
- $24 = 4!$ (really!). What does this mean?
- if you have a metallic object that measures 24 karats, then that object is made up of 100% pure gold.

Go explore...

There are 4 prime numbers between 0 and 10.

- How many prime numbers are there between 10 and 100?
- How many prime numbers are there between 100 and 1000?

Picture this...

How quickly can you solve this using the numbers at the top?

1, 2, 2, 4, 6, 7, 7, 8, 9

$$\begin{array}{r} \square + \square \div \square = 2 \\ \times \quad + \quad + \\ \square - \square + \square = 5 \\ - \quad + \quad + \\ \square + \square - \square = 13 \\ \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \\ 7 \quad 15 \quad 15 \end{array}$$

[Click to Play the Podcast](#)

To see more from our 'Focus on...' series, visit <http://avanti.org.uk/kapsleicester/focus-on/>