

April 30<sup>th</sup>

The sum of the ages of Harry and Louis is 41 years, of Louis and Niall 44 years, and of Niall and Harry 37 years.

How old is each?

$$H + L = 41$$

$$L + N = 44$$

$$N + H = 37$$

Adding all three equations gives

$$2H + 2L + 2N = 122$$

$$H + L + N = 61$$

Comparing this with each of the original equations in turn....

**Niall is 20 years old**

**Harry is 17 years old**

**Louis is 24 years old**