

# Corbett's Conundrums

24<sup>th</sup> February

Choose a pair of integers between 0 and 10. (e.g. 3 and 9)

Find their sum  $S$  ( $3 + 9 = 12$ )

Now find the sum,  $T$ , of the two numbers formed by the two integers ( $39 + 93 = 132$ )

Explain why  $T$  is always a multiple of  $S$ .

