

# Corbett's Conundrums

17<sup>th</sup> December

After completing the "cross-number puzzle," find the sum of all nine integers.

	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>
A <sub>1</sub>	1		
A <sub>2</sub>			
A <sub>3</sub>			9

Across

A<sub>1</sub>: A prime number

A<sub>2</sub>: A multiple of 53

A<sub>3</sub>: A perfect number

Down

D<sub>1</sub>: A power of 5

D<sub>2</sub>: A power of 2

D<sub>3</sub>: A power of 3

