MATHS RIDDLES ANSWERS

WEEK BEGINNING: MONDAY 8TH FEBRUARY 2021

RIDDLE:	Find the smallest positive mathematical number which is spelled in an alphabetical order
ANSWER:	40 [forty]

RIDDLE:	The day before yesterday I was 25 and next year, I will be 28. This is true to only one day in a year. What day is my birthday?
ANSWER:	His birthday is on December 31 He made the statement on January 1. On the day before yesterday (December 30) he was 25. He turned 26 on December 31. That year, he would turn 27, so the 'next year' he would turn 28

RIDDLE:	How many different ways can seven people arrange themselves in a row of seven seats?
ANSWER:	5,040 ways 7x6x5x4x3x2x1. The first person can choose any of 7 seats, the second person any of 6 seats, the third any of 5 seats, etc.

RIDDLE:	Can you find four consecutive prime numbers that add up to 220?
ANSWER:	47 + 53 + 59 + 61 = 220

RIDDLE:	What is the next number in the sequence? 1 11 21 1211 111221 312211
ANSWER:	The next number is 13112221 Each number describes the previous number. Starting with 1, the second line describes it 11 (one 1). Then the third line describes 11 as 21 (two 1s). Then the fourth line describes 21 as 1211 (one 2, one 1). This is the pattern.