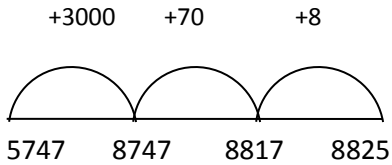


CALCULATION METHODS
ST EDWARD'S ACADEMY

ADDITION

5747 + 3078

Method 1: number line



So 5747 + 3078 = 8825

Method 2: column method

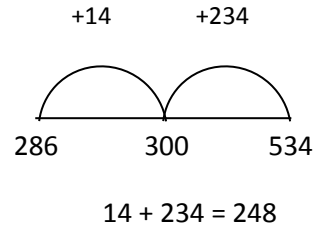
$$\begin{array}{r} 11 \\ 5747 \\ + 3078 \\ \hline 8825 \end{array}$$

So 5747 + 3078 = 8825

SUBTRACTION

534 - 286

Method 1: number line



So 534 - 286 = 248

Method 2: column method

$$\begin{array}{r} 4 \text{ } 5 \text{ } 12 \text{ } 14 \\ - 286 \\ \hline 248 \end{array}$$

So 534 - 286 = 248

MULTIPLICATION

Multiplying by a single digit: grid method

38 x 7

X	30	8
7	210	56

210 + 56 = 266

So 38 x 7 = 266

Multiplying by a 2 digit number: grid method

54 x 27

X	50	4
20	1000	80
7	350	28

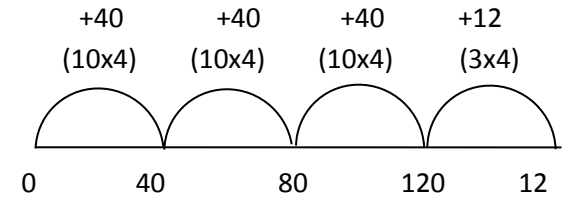
1000 + 350 + 80 + 28 = 1458

So 54 x 27 = 1458

DIVISION

132 ÷ 4

Method 1: number line



So 132 ÷ 4 = 33

Method 2: 'sweetie jar' method

Share 132 sweets into 4 groups.

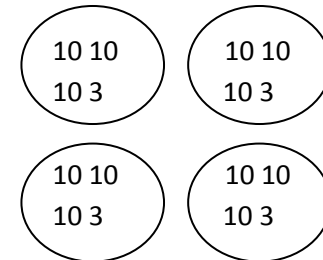
132

First, put 10 sweets in each group. This requires 40 sweets.

Then put another 10 sweets in each group. 80 sweets have now been used in total.

Next, put another 10 sweets into each group so that 120 sweets have now been used.

Finally put 3 sweets into each group to use the remaining 12 sweets.



So 132 ÷ 4 = 33

Leading to short division 4 | 524