Zeller's Algorithm

Do you know on what day of the week you were born?

Zeller's Algorithm is a way to calculate what day of the week a given date was.

Zeller's Algorithm	**Example: 15 May 1991**
Let day number = D month number = M year = Y	D = 15 M = 5 Y = 1991
If M is 1 or 2, add 12 to M, and subtract 1 from Y.	
Let C be the first two digits of Y and K be the last two digits of Y.	C = 19 K = 91
Add together the integer parts of (2.6M—5.39), (K/4) and (C/4). Add to this D and K, and subtract 2C. (The integer part of a number is the whole number part: integer part of 2.3 is 2, and of 6.7 is 6. Note that the integer part of –1.7 is –2).	(2.6M—5.39) = 7.61 = 7 (K/4) = 22.75 = 22 (C/4) = 4.75 = 4 7 + 22 + 4 + 15 + 91—38 = 101
Find the remainder when this number is divided by 7.	101 ÷ 7 = 14 r 3
If this remainder is 0 the day is Sunday, 1 is Monday, 2 is Tuesday, etc.	Remainder is 3, so 15 May 1991 was a Wednesday.

Use the algorithm to calculate the day of the week on which you were born.

Write an Excel spread sheet to implement the algorithm for any date.