

# ON WHAT DAY OF THE WEEK WERE YOU BORN?

Use the following rules to assign values to the variables on the right.

- Write the last two digits of the year you were born. Call this number **A**.  
For example if you were born May 7, 2003, then  $A = 3$ .
- Find the quotient (drop any remainder) of the last two digits of your birth year by dividing your number **A** by 4. Call this number **B**. For example,  $3 \div 4$  equals a quotient of 0 remainder 3, then  $B = 0$ .
- Find the number of the month in which you were born on the **Table of Months**. Call this number **C**.  
For example, the month number for May is 2, so  $C = 2$ .
- On which day of the month were you born? Call this number **D**.  
For example, if you were born May 7, 2003, then  $D = 7$ .
- Find the century number for the year you were born on the **Century Number Table**. Call this number **E**.  
For example the century number for 2003 is 6, so then  $E = 6$ .
- Find the sum of **A**, **B**, **C**, **D**, and **E** and call this number **F**.  
For example,  $3 + 0 + 2 + 7 + 6 = 18$ , so  $F = 18$ .
- Divide number **F** by 7 to find your remainder, which should be a number between 0 and 6 and call this number **G**. For example, the total 18 divided by 7 equals a quotient of 2 remainder 4, so  $G = 4$ .
- Find the day of the week that your number **G** corresponds to on the **Table of Days**.  
For example,  $G = 4$  corresponds to Wednesday. So May 7, 2003 was a Wednesday.

<b>A</b>
<b>B</b>
<b>C</b>
<b>D</b>
<b>E</b>
+
<b>F</b>
<b>G</b>

Table of Months			
January	1 (0 if leap year)	July	0
February	4 (3 if leap year)	August	3
March	4	September	6
April	0	October	1
May	2	November	4
June	5	December	6

Century Number Table			
0	6	4	2
1500s	1600s	1700s	1800s
1900s	2000s	2100s	2200s

Table of Days						
0 = Saturday	1 = Sunday	2 = Monday	3 = Tuesday	4 = Wednesday	5 = Thursday	6 = Friday

