Course of the Heavenly Luminaries

6th Gate				6th Gate	
5th Gate				5th Gate	
WEST- 4th Gate				EAST- 4th Gate	
3rd Gate				3rd Gate	
2nd Gate				2nd Gate	
1st Gate				1st Gate	

SOUTH

Sun's Course

Direction	# of Days	Month	Day/Night -- Hours	Gate #	Season
W <-- E	30	01 (Mar-Apr)	10:08 -- 13/11	4	
W <-- E	30	02 (Apr-May)	11:07 -- 14/10	5	Spring
W <-- E	31	03 (May-Jun)	12:06 -- 15/09	6	
W <-- E	30	04 (Jun-Jul)	11:07 -- 14/10	6	
W <-- E	30	05 (Jul-Aug)	10:08 -- 13/11	5	Summer
W <-- E	31	06 (Aug-Sep)	09:09 -- 12/12	4	
W <-- E	30	07 (Sep-Oct)	08:10 -- 11/13	3	
W <-- E	30	08 (Oct-Nov)	07:11 -- 10/14	2	Fall
W <-- E	31	09 (Nov-Dec)	06:12 -- 09/15	1	
W <-- E	30	10 (Dec-Jan)	07:11 -- 10/14	1	
W <-- E	30	11 (Jan-Feb)	08:10 -- 11/13	2	Winter
W <-- E	31	12 (Feb-Mar)	09:09 -- 12/12	3	

Moon's Course

Direction	# of Days	Month	Day/Night -- Hours	Gate #	Season
W <-- E	29	01 (Mar-Apr)	10:08 -- 13/11	4	
W <-- E	30	02 (Apr-May)	11:07 -- 14/10	5	Spring
W <-- E	29	03 (May-Jun)	12:06 -- 15/09	6	
W <-- E	30	04 (Jun-Jul)	11:07 -- 14/10	6	
W <-- E	29	05 (Jul-Aug)	10:08 -- 13/11	5	Summer
W <-- E	30	06 (Aug-Sep)	09:09 -- 12/12	4	
W <-- E	29	07 (Sep-Oct)	08:10 -- 11/13	3	
W <-- E	30	08 (Oct-Nov)	07:11 -- 10/14	2	Fall
W <-- E	29	09 (Nov-Dec)	06:12 -- 09/15	1	
W <-- E	30	10 (Dec-Jan)	07:11 -- 10/14	1	
W <-- E	29	11 (Jan-Feb)	08:10 -- 11/13	2	Winter
W <-- E	30	12 (Feb-Mar)	09:09 -- 12/12	3	

Stars' Course

Direction	# of Days	Month	Day/Night -- Hours	Gate #	Season
W <-- E	30	01 (Mar-Apr)	10:08 -- 13/11	4	
W <-- E	30	02 (Apr-May)	11:07 -- 14/10	5	Spring
W <-- E	31	03 (May-Jun)	12:06 -- 15/09	6	
W <-- E	30	04 (Jun-Jul)	11:07 -- 14/10	6	
W <-- E	30	05 (Jul-Aug)	10:08 -- 13/11	5	Summer
W <-- E	31	06 (Aug-Sep)	09:09 -- 12/12	4	
W <-- E	30	07 (Sep-Oct)	08:10 -- 11/13	3	
W <-- E	30	08 (Oct-Nov)	07:11 -- 10/14	2	Fall
W <-- E	31	09 (Nov-Dec)	06:12 -- 09/15	1	
W <-- E	30	10 (Dec-Jan)	07:11 -- 10/14	1	
W <-- E	30	11 (Jan-Feb)	08:10 -- 11/13	2	Winter
W <-- E	31	12 (Feb-Mar)	09:09 -- 12/12	3	

Their are six portals because they are connected to the 1st-6th days of the week: that is to say thay once the seventh day is reached: there will no longer be a need for the Sun, Moon and stars to rise and set; and, in addition the gates also represent the twelve months of the year since the luminaries travel through each gate twice. This is made clear through Moses who makes no mention of evening and morning passing on the seventh day: as God rested from all of His works.; and, Isaiah and John tell us that there will be no need for he sun or moon in the new heaven and earth. And the twelve months are mentioned by king David in *1 Chronicles 27:1-15* and are named after the twelve sons of Jacob.

The 18 Part Day in *1 Enoch* is arrived at by multiplying 9/9ths by 2:

9/9 x 2/2 = 18/18

The 1/9th increase in the first month is reached at by transferring 1/9th part of the night to the day:

9 + 1/9 - 1 = 10/08

This increase occurs from the 1st-3rd Month; decreases from the 4th-6th Month; increases from the7th-9th Month; and finally decreases from the 10th-12th Month.
Rising and setting 60 times means that in the sun goes through two gates 30 Days each for 12 Months total:

```
    4th-5th Gates = 60 Days
    6th-6th Gates = 60 Days
    6th-5th Gates = 60 Days
    4th-3rd Gates = 60 Days
    2nd-1st Gates = 60 Days
 +  2nd-3rd Gates = 60 Days
          Total = 360 Days
```

We see then that the 31st days are inserted at the end of each of the four seasons in order to separate them from each other. These would make the 4 Days intercalary days which are not reckoned according to the year. Prior to this four day intercalation the sun and stars complete the year in 354 Days: a difference of 6 Days; but, once the four intercalray days are added we have 364 Days to the sun and stars: a difference of 10 Days. Where then moon gain 10 Days to complete the year with the sun and stars?

Sun and Stars Days - Moon Days:
```
    30 - 29 = 01
    30 - 30 = 00
    31 - 29 = 02
    30 - 30 = 00
    30 - 29 = 01
 +  31 - 30 = 01
Total     = 05 Days
```

We have found where and when the moon falls behind 5 Days from the sun and stars during the first and last 6 Month periods: at the end of the year the moon falls behind 10 Days. These 10 Days are then added to the moon at the end of the year. Why this happens is answered by Uriel to Enoch: that the sun and stars have an *overplus/surplus* of 6 Days (pre intercaltion); and, 10 Days (post intercalation) respectively. The text supports my view as it is made clear in *1 Enoch* and *Jubilees* that and stars *must* complete the year in 364 Days while the moon completes it in 354 Days: therefore the 10 Days in which the moon falls behind are accrued by the sun and stars. There are only two intercalation processes used at the end of each year:

1) The 4 Intercalary Days of the 4 Seasons added to the Sun.

2) The 10 Overplus Days accrued by the Sun and stars which are added to the Moon.

When people read *1 Enoch 74:9-12ff.* they fail to see that the word "overplus" **does not equal** "difference". And *1 Enoch* makes it very clear that the Sun and stars complete the year in 360 Days (pre interacaltion) and the moon completes it in 354 Days (pre intercalation) but, where and when did the Sun and stars accrue an overplus of 6 Days?

```
01) 30 - 29 = 01
02) 30 - 30 = 00
03) 30 - 29 = 01
04) 30 - 30 = 00
05) 30 - 29 = 01
06) 30 - 30 = 00
07) 30 - 29 = 01
08) 30 - 30 = 00
09) 30 - 29 = 01
10) 30 - 30 = 00
11) 30 - 29 = 01
12) 30 - 30 = 00
```

We have now found where and when the 6 Overplus Days are located but, *1 Enoch* also states that overplus Days of the Sun and stars amount to 10 Days each year so, when and where are they?

```
03) 31 - 29 = 2
06) 31 - 30 = 1
09) 31 - 29 = 2
12) 31 - 30 = 1
```

When we compare the 3rd, 6th, 9th, and 12th Months in our short list we see a +1 Day has been added to the 3rd, 6th, 9th, and 12th Months in our long list. We have now shown and proven when, where, and why the Sun and stars have an overplus of 10 Days each year.

We see then that the Moon is to complete the year in 360 Days along with the Sun and stars (pre intercaltion) and 364 Days (post intercalation):

End of Year (Pre Intercalation)
Sun and stars = 360 Days + 6 Overplus Days = 366 Days

Moon = 354 Days

End of Year (Post Intercalation)
Sun and stars = 366 Days + 4 Overplus Days + 4 Intercalary Days = 374 Days - 10 Overplus Days = 364 Days

Moon = 354 Days + 10 Overplus Days = 364 Days

The Sun, Moon, and stars complete the year in 364 Days as stated in *1 Enoch, DSS,* and *Jubilees*.