SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>1</b> =+	<b>2</b> ⊭−	<b>3</b> #⁻	<b>4</b> #≡	<b>5</b> 世四	<b>6</b> 廿五	<b>7</b> #六
The common factor of all integers is 1.	2! is the number of "Know yourself, know your enemy" in the card game Sanguosha Kingdom War.	3 is the least positive number such that $n^2 > 2n$ .	The smallest number of colours sufficient to color all planar maps such that no adjacent regions have the same colour is 4.	5 is the 2 <sup>nd</sup> dihedral prime.	$\frac{\pi^2}{\left(\frac{1}{1^2} + \frac{1}{2^2} + \frac{1}{3^2} + \cdots\right)} = ?$	7 is a congruent number.
<b>8</b> 立冬	<b>9</b> #八	<b>10</b> <sup>廿九</sup>	<b>11</b> ≡+	<b>12</b> 初一	<b>13</b> 初二	<b>14</b> 初三
Do you know that $8 = 5 + 1 + 2$ and $512 = 8^3$ !	If an odd perfect number is of the form $36k+9$ , it has at least nine distinct prime factors.	10 is one of the semi-meandric numbers.	For how many real values of $x$ is $\sqrt{120-\sqrt{x}}$ an integer?	Today is the 105th birthday of Hua Luo-geng.	Find the value of $\left(119^2 + 120^2\right)^{\frac{1}{4}}$ .	What does the sum of squares of first three positive integers equal to?
<b>15</b> 初四	<b>16</b> 初五	<b>17</b> 初六	<b>18</b> 初七	19 初八	<b>20</b> 初九	<b>21</b> 初十
	16 is one of the Erdős–Woods number.	17 is a circular prime.	18 <sup>3</sup> and 18 <sup>4</sup> together include all digits once.	Given that the areas of $\triangle ADB$ , $\triangle BDC$ and $\triangle ADC$ are respectively $10 \text{ cm}^2$ , $15 \text{ cm}^2$ and $6 \text{ cm}^2$ , find the area of $\triangle ABC$ .	Find the value of $\frac{6!}{6^2}$ .	$67^4 = ?$
<b>22</b> 小雪	<b>23</b> +=	<b>24</b> +=	<b>25</b> +四	<b>26</b> +五	<b>27</b> +∴	<b>28</b> ++
There are 22 ways to express 8 as a sum of positive integers (ignoring order).	23 is the smallest odd prime that is not in a pair of twin primes.	There are 24 hours in a day.	25 is an automorphic cubic number: $25^3 = 15625$ .	Minimum number of moves needed to solve any Rubik's cube configuration is 26.	Today is the 304th birthday of Anders Celsius.	Find the value of $\frac{10!}{360^2}$ .
2 A 29 N 3 +八	<b>30</b> +n					
If $\frac{AN}{MN} = \frac{p}{q}$ (in lowest terms), find the value of $p + q$ .	30 is the smallest Giuga number.					



November 2015