

Fourth Grade HW-4.

1 day Tr entered 0 to 150

Following is the table for 0 to 33

No.'s	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Yellow	✓	X	X	X	X	X	✓	X	X	X	X	X	✓	X	X	X	X	X	✓	X	X	X	X	X	✓	X	X	X	X	X	X	X	X	X
Red	X	X	✓	✓	X	✓	X	✓	X	X	X	✓	X	✓	X	X	X	✓	X	✓	X	X	X	✓	X	X	X	X	X	X	X	X	X	X
Blue	✓	X	X	X	X	✓	X	X	X	X	✓	X	X	X	X	X	X	X	✓	X	X	X	X	X	✓	X	X	X	X	X	X	X	X	X
Green	✓	X	X	X	X	X	X	✓	X	X	X	X	X	X	✓	X	X	X	X	X	✓	X	X	X	X	X	X	X	X	X	X	X	X	X

I observed the following rules :-

Yellow - all are multiples of 6

Red - All are prime numbers

Blue - All are multiples of 5

Green - All are multiples of 7

Q-2

Is it possible to light up all 4 lights at the same time? why or why not?

Ans-2

No, all the 4 lights cannot light up at the same time because one of them is a prime number. So prime numbers cannot be divided by any other number other than 1 & itself.