

Divisibility:

RULES OF DIVISIBILITY	
2	All even numbers divisible by 2
4	Last two digits divide by 4 (e.g. 3512)
6	If divisible by 2 AND 3
3	Sum of digits divisible by 3 (e.g. 231 → 2+3+1 = 6)
5	Ends in 5 or 0
9	Sum of digits divides by 9 (e.g. 333 → 3+3+3 = 9)
10	Last digit is zero
12	Rule 3 & 4 apply (e.g. 1116)

Prime:

List of Prime Numbers			
2	3	5	7
11	13	17	19
23		29	
31		37	
41			

Divisibility and Prime Check:

1)

22

2 3 10

4 5 12

6 9

2)

75

2 3 10

4 5 12

6 9

3)

409

2 3 10

4 5 12

6 9

4)

153

2 3 10

4 5 12

6 9

5) Fill in the missing values to complete the list of first thirteen prime numbers

2, 3, 7

13, 19

23

41