

# CSC 4504 : Langages formels et applications

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<http://www-public.telecom-sudparis.eu/~gibson/Teaching/CSC4504/>

## Composite or Prime?

# Problem 3 --- Can you write a TRS to model -

1. Numbers that are composite?
2. Numbers that are prime ?

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	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Numbers that divide by 2 in GREEN  
Numbers that divide by 3 in BLUE  
Numbers that divide by 5 in ORANGE  
Numbers that divide by 7 in PURPLE

<http://www.murderousmaths.co.uk/books/MMoE/erat.htm>