Factors and Multiples Level F

Player 1 Name: _____

Player 2 Name: _____

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

Students play in pairs. The first player covers a number below 50. The second player may only cover a number if it is a factor or multiple of the previous move. Once a number has been covered, it is out of play. Play continues until one player is unable to make a move – the other player is the winner. Alternatively, aim to work together to make the longest chain of numbers.

To complete the task, each player must record their moves, explaining why they were able to make that move, e.g.

"35 is the starting number"

"7 is a factor (35 ÷ 5 = 7)"

"14 is a multiple (7 × 2 = 14)"