

Name: \_\_\_\_\_

Score: \_\_\_\_\_

Date: \_\_\_\_\_

# Patterning

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

① **Pattern 1** 2, 12, 22, \_\_\_\_\_

Each number goes \_\_\_\_\_ by \_\_\_\_\_  
up/down 2/10

② **Pattern 2** 31, \_\_\_\_\_

Each number goes \_\_\_\_\_ by \_\_\_\_\_

③ **Pattern 3** 70, \_\_\_\_\_

Each number goes \_\_\_\_\_ by \_\_\_\_\_

④ **Pattern 4** 99, \_\_\_\_\_

Each number goes \_\_\_\_\_ by \_\_\_\_\_

# Answers

## Patterning

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

- ① **Pattern 1**      2, 12, 22, 32, 42, 52, 62, 72, 82, 92  
Each number goes **UP** by 10  
up/down      2/10
- ② **Pattern 2**      31, 32, 33, 34, 35, 36, 37, 38, 39, 40  
Each number goes **UP** by 1
- ③ **Pattern 3**      70, 69, 68, 67, 66, 65, 64, 63, 62, 61  
Each number goes **DOWN** by 1
- ④ **Pattern 4**      99, 89, 79, 69, 59, 49, 39, 29, 19, 9  
Each number goes **DOWN** by 10