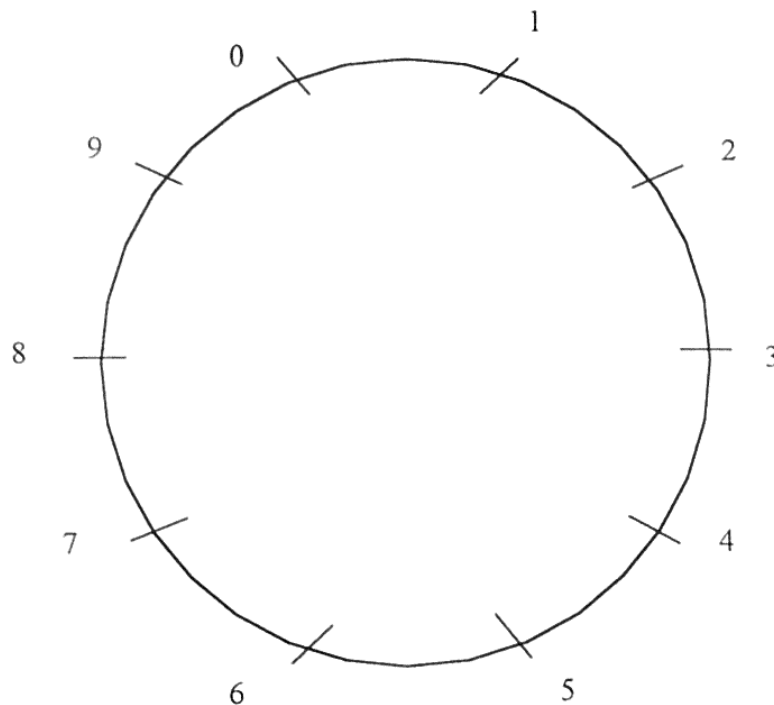


Number sequences

Fill in the missing numbers in these sequences:

1. 34, 45, 56, 67, ,
2. 41, 56, 71, 86, ,
3. 9, 30, , 72, , 114
4. 27, 52, , ,
5. 67, 56, 45, , 23,
6. 99, 84, , 54, , 24
7. , 82, 63, 44, , 6
8. , , 78, 53, 28, 3



9. Add four, ten times. Look at the units digits - 4, 8, 2, etc Starting at 4 draw a line on the circle above to 8. Continue drawing lines, following the units pattern of the digits. What do you notice?
10. How does the pattern change if you start at 1 and then add four?

Fill in the missing numbers in these sequences:

1. 21, 32, 43, 54, ,

2. 5, 20, 35, 50, ,

3. 17, 36, 74, , 112

4. 35, 86, 137, 188, ,

5. 9, 30, 51, , 93,

6. 91, 80, , 58, , 36

7. , 62, 51, 40, , 18

8. , , 83, 58, 33, 8

9. Take a 10 x 10 square. Starting at 1 count on in elevens. Circle or colour the squares. What do you notice?

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

10. If you started at 3 and counted on in elevens would you get a similar pattern? How is it different?