Find the path from 1 to 100 by starting at 1 and always moving to a higher number. You can move horizontally and vertically but not diagonally.

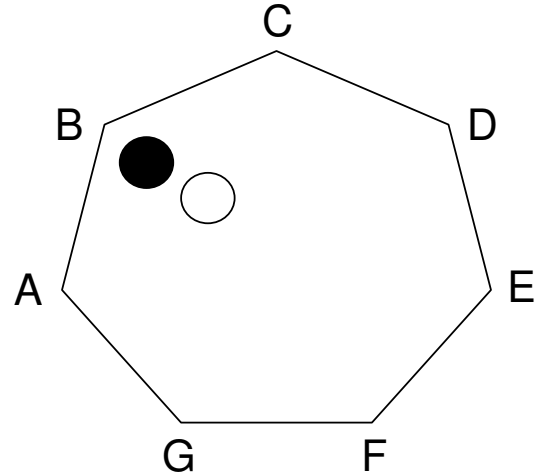| 1	7	10	14	19	22	17	13	11	54	57	60
11	5	7	13	17	30	29	31	9	51	49	52
14	6	3	18	14	15	44	47	49	50	53	57
17	20	13	19	17	36	37	36	43	41	57	60
15	21	25	27	33	34	32	70	68	65	62	59
28	26	23	24	31	33	42	71	72	70	61	57
30	19	42	32	64	58	79	75	64	96	63	85
35	42	44	61	63	62	80	56	93	95	97	80
32	46	41	59	86	83	82	81	90	89	98	96
39	41	53	56	88	79	85	88	89	88	99	100

The black ball moves two positions at a time clockwise. The white ball moves one position at a time counterclockwise.

1. How many moves will it take for them to be together again?

   7

2. What corner will they be in?

   B

Fill in the marked circles (?) with the correct numbers.

What is the pattern?

DIAGONALLY = -15
ACROSS = +10
DOWN = +5

Circle values: 76, 61, 46, 56, 61, 71, 56, 66, 71, 81, 66, 51, 61