Name _____

Three jumps to 100

✤ In this activity, you must use three jumps to reach 100. You may start at any number from 1 to 100 and you may use any of these signs: +, −, ÷, ×. For example:

$$10 \xrightarrow{\times\ 9} 90 \xrightarrow{+\ 7} 97 \xrightarrow{+\ 3} 100$$

You may only use a single digit for the operation. No two-digit numbers are allowed.

✤ Try to find a way to make 100 for every starting number from 1 to 100.

✤ What patterns 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