

Name: _____

Reverse and Add Rule for Finding Palindromes

To show how many steps it takes for each two-digit number to become a palindrome, use a color coding system. Pick a different color for each number of steps. Work through each two-digit number using the reverse and add rule, counting the steps needed for it to become a palindrome. Color each number the appropriate color according to your chart.

Already a palindrome 3 step palindrome ____ step palindrome

1 step palindrome 4 step palindrome ____ step palindrome

2 step palindrome 5 step palindrome ____ step palindrome

0	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