

Hands On: Number Patterns on the Hundred Chart

TAKS Objective 2
TEKS 3.6A

Use the hundred chart to help you solve the problems below.

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

- Scott is coloring boxes in a pattern. He colors 7, 14, 21, and 28. What is the pattern? What will be the next number?

- Patty is coloring boxes in a different pattern. She colors the numbers 35, 40, 45, 50, and 55. What is the pattern? What will be the next number?

- Maggie is coloring boxes in an “add 3” pattern. She colors 32, 35, 38, 41, 45, 47, and 50. She has made a mistake. What mistake has she made?

- Ty is coloring boxes in a “add 4” pattern. He colors 1, 5, 9, 12, and 17. He has made a mistake. What mistake has he made?

- On the hundred chart above, circle in red the boxes in an “add 5” pattern starting with 10. Then circle in green the boxes in an “add 10” pattern starting with 10. Which numbers did you circle twice? Why are some numbers in an “add 5” pattern repeated in an “add 10” pattern?

- Look at the pattern you made in problem 5. Would the same pattern happen if you started an “add 5” pattern with 13 and an “add 10” pattern with 13? Check your answer by circling the boxes in an “add 5” pattern green and the boxes in an “add 10” pattern red. Remember to start both patterns with 13.

