

Lesson 3 Reteach

Addition Patterns

You can use a number grid to find patterns in numbers.

As you look across a row from left to right, the numbers increase by 1. The pattern is $+1$, so the number in the ones place increases by 1 each time. As you look across a row from right to left, the numbers decrease by 1 each time. The pattern is -1 .

As you look at a column from top to bottom, the numbers increase by 10. The pattern is $+10$, so the number in the tens place increases by 1 each time. As you look at a column from bottom to top, the numbers decrease by 10 each time. The pattern is -10 .

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

You can find the same kind of number patterns in greater numbers.

If the pattern is $+100$, the digit in the hundreds place increases by 1 each time. If the pattern is $-1,000$, the digit in the thousands place decreases by 1 each time.

Write the number.

1. 10 more than 417

Hundreds	Tens	Ones
4	1	7

2. 100 less than 854

Hundreds	Tens	Ones
8	5	4

3. 1 less than 602

Hundreds	Tens	Ones
6	0	2

4. 1,000 more than 5,690

Thousands	Hundreds	Tens	Ones
5	6	9	0