





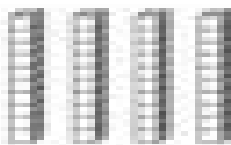
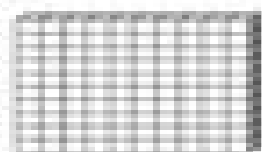
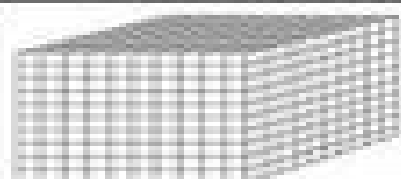
2nd Grade Common Core Math Study Guide

NUMBERS AND BASE TEN UNDERSTANDING

Place Value

Thousands	Hundreds	Tens	Ones
			
1	1	4	7

Number Forms



- ☐ ☐ Standard Form: (Write the digits) = 1,147
- ☐ ☐ Written Form: (Write the word) = One thousand one hundred forty-seven
- ☐ ☐ Expanded Form: (Write using place value) = 1,000 + 100 + 40 + 7

Skip Counting and Number Patterns

- 2, 4, 6, 8, 10, _____ 5, 10, 15, 20, 25, _____ 10, 20, 30, 40, 50, _____
Each number is 2 more. Each number is 5 more. Each number is 10 more.

When you add the same number over and over again, you are creating a pattern.
EVEN Numbers – have 0, 2, 4, 6, or 8 in the ones place; count by 2s.
ODD Numbers – have 1, 3, 5, 7, or 9 in the ones place.

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

ADDITION AND SUBTRACTION

Addition (ADD)



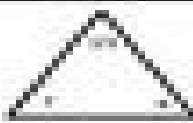
Subtraction (SUBTRACT)



Doubles

- 1 + 1 = 2 6 + 6 = 12
- 2 + 2 = 4 7 + 7 = 14
- 3 + 3 = 6 8 + 8 = 16
- 4 + 4 = 8 9 + 9 = 18
- 5 + 5 = 10 10 + 10 = 20

Fact Family and Related Facts



- 4 + 7 = 11 11 - 4 = 7
- 7 + 4 = 11 11 - 7 = 4

Missing Addend

$$5 + \square = 9 \quad 9 - 5 = \square$$

Make a 10

- 0 + 10 = 10 5 + 5 = 10 10 + 0 = 10
- 1 + 9 = 10 6 + 4 = 10
- 2 + 8 = 10 7 + 3 = 10
- 3 + 7 = 10 8 + 2 = 10
- 4 + 6 = 10 9 + 1 = 10

Near Doubles

- 5 + 6 = 11 7 + 8 = 15

Common Core Study Guide

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