

McLean County Unit 5 Math Concepts for 1st Grade

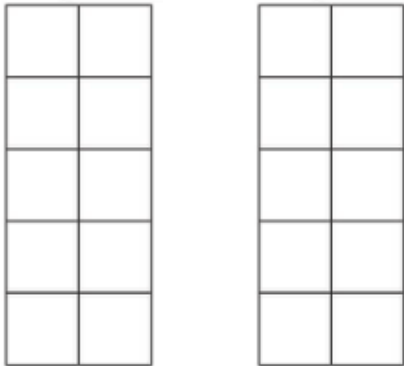
The purpose of this page is to bridge the instruction from school with practice at home. The shift in math education is to help students gain a better understanding of concepts rather than just to memorize standard algorithms. While students are allowed to use standard algorithms, our goal is for them to have multiple ways to attack a problem and that, even if they choose not to use each of these methods, they can understand and explain how these methods work. Research shows that building this strong understanding of concepts will lead to better overall math thinkers.

With each example below, we have included a QR code which will allow you to look at this practice in action so that you can better support your child in his/her understanding.



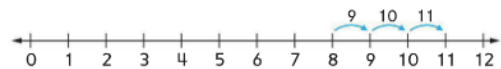
Operations and Algebraic Thinking: First graders are expected to be able to fluently add numbers up to 20. The ten frame and double ten frame are good visual representations of numbers and are commonly used in the classroom. Number lines and number grids are also a regular part of our curriculum. Counting on is one method that students are taught to use as they gain independence in addition and subtraction.

TEN FRAMES:



COUNTING ON WITH NUMBER LINES OR NUMBER GRIDS:

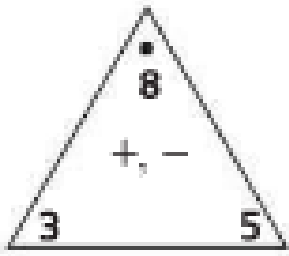
-9	-8	-7	-6	-5	-4	-3	-2	-1	0
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120



Counting On



FACT FAMILIES USING FACT TRIANGLES:



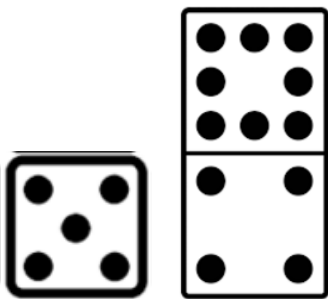
$$3 + 5 = 8$$

$$5 + 3 = 8$$

$$8 - 3 = 5$$

$$8 - 5 = 3$$

SUBITIZING:



EVERYDAY MATH RESOURCES: This link will take you to the Everyday math parent website which has additional resources for each unit including home links and definitions.



BEDTIME MATH: Looking for another way to help your child at home with math? Consider getting this app to use at home with your child.

