

THIRD GRADE SUMMER MATH

The Akiva math program is a balance of teaching conceptual understanding and procedural accuracy. Each grade level has certain concepts as well as procedures and math facts that they are responsible for teaching. **Third graders should enter the class already knowing all of their addition and subtraction facts, automatically. In third grade, they will learn multiplication facts up to 10 x 10.** It is vital that students know all the facts in order for them to be successful with the new concepts and procedures that they will learn next school year. **Students do have a summer slide if they do not practice, so please encourage your child to practice math facts for a few minutes each day.** The practice will definitely pay off!

Practice All of the Addition and Subtraction Facts up to 20.

Addition facts to 20

0+0	1+0	2+0	3+0	4+0	5+0	6+0	7+0	8+0	9+0	10+0	11+0	12+0
13+0	14+0	15+0	16+0	17+0	18+0	19+0	20+0					
0+1	1+1	2+1	3+1	4+1	5+1	6+1	7+1	8+1	9+1	10+1	11+1	12+1
13+1	14+1	15+1	16+1	17+1	18+1	19+1						
0+2	1+2	2+2	3+2	4+2	5+2	6+2	7+2	8+2	9+2	10+2	11+2	12+2
13+2	14+2	15+2	16+2	17+2	18+2							
0+3	1+3	2+3	3+3	4+3	5+3	6+3	7+3	8+3	9+3	10+3	11+3	12+3
13+3	14+3	15+3	16+3	17+3								
0+4	1+4	2+4	3+4	4+4	5+4	6+4	7+4	8+4	9+4	10+4	11+4	12+4
13+4	14+4	15+4	16+4									
0+5	1+5	2+5	3+5	4+5	5+5	6+5	7+5	8+5	9+5	10+5	11+5	12+5
13+5	14+5	15+5										
0+6	1+6	2+6	3+6	4+6	5+6	6+6	7+6	8+6	9+6	10+6	11+6	12+6
13+6	14+6											
0+7	1+7	2+7	3+7	4+7	5+7	6+7	7+7	8+7	9+7	10+7	11+7	12+7
13+7												
0+8	1+8	2+8	3+8	4+8	5+8	6+8	7+8	8+8	9+8	10+8	11+8	12+8
0+9	1+9	2+9	3+9	4+9	5+9	6+9	7+9	8+9	9+9	10+9	11+9	
0+10	1+10	2+10	3+10	4+10	5+10	6+10	7+10	8+10	9+10	10+10		

0+11 1+11 2+11 3+11 4+11 5+11 6+11 7+11 8+11 9+11
0+12 1+12 2+12 3+12 4+12 5+12 6+12 7+12 8+12
0+13 1+13 2+13 3+13 4+13 5+13 6+13 7+13
0+14 1+14 2+14 3+14 4+14 5+14 6+14
0+15 1+15 2+15 3+15 4+15 5+15
0+16 1+16 2+16 3+16 4+16
0+17 1+17 2+17 3+17
0+18 1+18 2+18
0+19 1+19
0+20

Subtraction Facts From 20

0-0 1-0 2-0 3-0 4-0 5-0 6-0 7-0 8-0 9-0 10-0 11-0 12-0
13-0 14-0 15-0 16-0 17-0 18-0 19-0 20-0
1-1 2-1 3-1 4-1 5-1 6-1 7-1 8-1 9-1 10-1 11-1 12-1 13-1
14-1 15-1 16-1 17-1 18-1 19-1 20-1
2-2 3-2 4-2 5-2 6-2 7-2 8-2 9-2 10-2 11-2 12-2 13-2 14-2
15-2 16-2 17-2 18-2 19-2 20-2
3-3 4-3 5-3 6-3 7-3 8-3 9-3 10-3 11-3 12-3 13-3 14-3 15-3
16-3 17-3 18-3 19-3 20-3
4-4 5-4 6-4 7-4 8-4 9-4 10-4 11-4 12-4 13-4 14-4 15-4 16-4
17-4 18-4 19-4 20-4
5-5 6-5 7-5 8-5 9-5 10-5 11-5 12-5 13-5 14-5 15-5 16-5 17-5
18-5 19-5 20-5
6-6 7-6 8-6 9-6 10-6 11-6 12-6 13-6 14-6 15-6 16-6 17-6 18-6
19-6 20-6
7-7 8-7 9-7 10-7 11-7 12-7 13-7 14-7 15-7 16-7 17-7 18-7 19-7
20-7
8-8 9-8 10-8 11-8 12-8 13-8 14-8 15-8 16-8 17-8 18-8 19-8 20-8
9-9 10-9 11-9 12-9 13-9 14-9 15-9 16-9 17-9 18-9 19-9 20-9
10-10 11-10 12-10 13-10 14-10 15-10 16-10 17-10 18-10 19-10 20-10
11-11 12-11 13-11 14-11 15-11 16-11 17-11 18-11 19-11 20-11
12-12 13-12 14-12 15-12 16-12 17-12 18-12 19-12 20-12
13-13 14-13 15-13 16-13 17-13 18-13 19-13 20-13
14-14 15-14 16-14 17-14 18-14 19-14 20-14
15-15 16-15 17-15 18-15 19-15 20-15
16-16 17-16 18-16 19-16 20-16
17-17 18-17 19-17 20-17
18-18 19-18 20-18
19-19 20-19

A great place to practice your computation is coolmath4kids.com . This website has online games, flashcards, and quizzes. I highly recommend you visit it over the summer.

Tang Math also offers fun opportunities to work on math facts.

1. Go to Tangmath.com
 - a. Click on Games
 - b. Play Kakooma <https://tangmath.com/kakooma>
 - c. Play Numtanga <https://tangmath.com/numtanga>
 - d. Play Break Apart <https://tangmath.com/breakapart>