

Facts with Zero

Nineteen facts have zero as one of the addends. Though such problems are generally easy, some children overgeneralize the idea that answers to addition are bigger. Word problems involving zero will be especially helpful. In the discussion, use drawings that show two parts with one part empty.

+	0	1	2	3	4	5	6	7	8	9
0	0	1	2	3	4	5	6	7	8	9
1	1									
2	2									
3	3									
4	4									
5	5									
6	6									
7	7									
8	8									
9	9									

ACTIVITY 4.4

What's Alike? Zero Facts

Write about ten zero facts on the board, some with the zero first and some with the zero second. Discuss how all of these facts are alike. Have children use counters and a part-part-whole mat to model the facts at their seats.

From Van de Walle, J. A. & Lovin, L.H. (2006). *Teaching Student-Centered Mathematics Grades K – 3*. Toronto: Pearson Education, Inc. (p. 100).