

2MA.A.1: use addition and subtraction within 100 to solve one- and two-step word problems by using drawings and equations with a symbol for the unknown numbers to represent the problem. Problems include contexts that involve adding to, taking from, putting together, taking apart (part/part/whole), and comparing with unknowns in all positions

6. (1.OA.1 & 11.NBT.5) Catherine had 72 marbles. She gave 21 to Melanie and 5 to Noah. How many marbles does Catherine have now? Use the space below to show your strategy and solve the problem.

Although step one looks like students could use the traditional algorithm, as teachers, we are still emphasizing experiences grounded in the understanding of the base ten system. The standard algorithm for addition or subtraction is not taught in second grade.

Step 1:

$$20 + 1 = 21$$

$$+ \quad \underline{+ 5 = 5}$$

$$20 + 6 = 26$$

Step 2:

$$70 + 2 = 76$$

$$60 + 12 = 72$$

$$- \quad \underline{20 + 6 = 26}$$

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$$40 + 18 = 58$$