Name: _____ 3.OA.8

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Teacher notes:
Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.

Students who demonstrate complete mastery will apply strategies such as repeated addition, arrays or multiplication to solve. They may find the total packages (11) and multiply by 8 or students may solve by multiplying 5 x 8, 4 x 8 and 2 x 8 and then totaling the answer of all 3 (88).

Students who demonstrate partial mastery may solve only one part of the problem. For example, they may find the total number of hot dog roles that each family is bringing, but not the combined total for all 3 families. Students may also add instead of multiply (for example: 5 + 8, 4 + 8 and 2 + 8).

Not yet: Student shows evidence of misunderstanding, incorrect concept or procedure		**Got It:** Student essentially understands the target concept.	
0 Unsatisfactory: Little Accomplishment The task is attempted and some mathematical effort is made. There may be fragments of accomplishment but little or no success. Further teaching is required.	**1 Marginal: Partial Accomplishment** Part of the task is accomplished, but there is lack of evidence of understanding or evidence of not understanding. Further teaching is required.	**2 Proficient: Substantial Accomplishment** Student could work to full accomplishment with minimal feedback from teacher. Errors are minor. Teacher is confident that understanding is adequate to accomplish the objective with minimal assistance.	**3 Excellent: Full Accomplishment** Strategy and execution meet the content, process, and qualitative demands of the task or concept. Student can communicate ideas. May have minor errors that do not impact the mathematics.

Adapted from Van de Walle, J. (2004) Elementary and Middle School Mathematics: Teaching Developmentally. Boston: Pearson Education, 65