Implementing the Common Core State Standards Through Mathematical Problem Solving, Grades 6-8

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Description:
Mathematics educators have long worked to help students to develop problem-solving skills. More recently, they have sought to provide students with the knowledge in the Common Core State Standards (CCSS). This volume is the second in a series from NCTM that equips classroom teachers with targeted, highly effective problems for achieving both goals at once. For every mathematics educator, the books in this series will illuminate a crucial link between problem solving and the Common Core State Standards.

The 37 problems and tasks for students in this book are organized into the major areas of the Common Core for grades 6-8: ratios and proportional relationships; the number system; geometry; statistics and probability; and expressions, equations, and functions. For each task, teachers will find a rich, engaging problem or set of problems to use as a lesson starting point, with accompanying discussions that tie the tasks to specific Common Core domains and clusters.

This book provides middle school mathematics teachers with dozens of problems they can use as is, adapt for their classrooms, or be inspired by while creating related problems on other topics. For every mathematics educator, the books in this series will help to illuminate a crucial link between problem solving and the Common Core State Standards.