

1. Record Nr.	UNINA9910821417103321
Autore	Karp Alexander
Titolo	Mathematics in middle and secondary school : a problem solving approach / / Alexander Karp, Nicholas Wasserman
Pubbl/distr/stampa	Charlotte, North Carolina : , : Information Age Publishing, Inc., , 2015 ©2015
ISBN	1-62396-814-3
Descrizione fisica	1 online resource (456 p.)
Disciplina	510.71/2
Soggetti	Problem solving - Study and teaching (Middle school) Problem solving - Study and teaching (Secondary)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Cover""; ""Mathematics in Middle and Secondary School""; ""Library of Congress Cataloging-in-Publication Data""; ""Contents""; ""Foreword""; ""PART I""; ""CHAPTER 1: Challenges and Issues in Mathematics Education""; ""CHAPTER 2: Getting Ready to Teach""; ""PART II""; ""CHAPTER 3: What is Problem Solving and How it is Conceptualized in Mathematics?""; ""CHAPTER 4: Integrating Problem Solving into the Curriculum""; ""CHAPTER 5: Mathematical Investigation and How to Engage Students in It""; ""CHAPTER 6: Posing Problems and Groups of Problems""; ""PART III"" ""CHAPTER 7: a€œThe Science of Transposition and Cancellationa€?""" CHAPTER 8: Patterns, Functions and Graphs in Mathematics and in School""; ""CHAPTER 9: Patterns, Function, and Graphs""; ""CHAPTER 10: Solving Equations and Inequalities""; ""PART IV""; ""CHAPTER 11: Geometry as a Science and a School Subject""; ""CHAPTER 12: Geometry""; ""PART V""; ""CHAPTER 13: The Study of Discrete Mathematics""; ""APPENDIX: Recommended Web Sites""; ""References""