

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910478857503321 |
| Autore | Posamentier Alfred S. |
| Titolo | Problem-solving strategies for efficient and elegant solutions, grades 6-12 : a resource for the mathematics teacher // Alfred S. Posamentier, Stephen Krulik ; afterword by Nobel Laureate Herbert A. Hauptman |
| Pubbl/distr/stampa | Thousand Oaks, California : , : Corwin Press, , 2008 ©2008 |
| ISBN | 1-4522-9848-3 |
| Edizione | [Second edition.] |
| Descrizione fisica | 1 online resource (280 p.) |
| Disciplina | 510.19 |
| Soggetti | Problem solving Electronic books. |
| 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 | <p>""Cover""; ""Contents""; ""Preface""; ""Acknowledgments""; ""About the Authors""; ""Chapter 1 - Introduction to Problem-Solving Strategies""; ""Chapter 2 - Working Backwards""; ""The Working Backwards Strategy in Everyday Life Problem-Solving Situations""; ""Applying the Working Backwards Strategy to Solve Mathematics Problems""; ""Problems using the Working Backwards Strategy""; ""Chapter 3 - Finding a Pattern""; ""The Finding a Pattern Strategy in Everyday Life Problem-Solving Situations""; ""Applying the Finding a Pattern Strategy to Solve Mathematics Problems""</p> <p>""Problems using the Finding a Pattern Strategy""""Chapter 4 - Adopting a Different Point of View""; ""The Adopting a Different Point of View Strategy in Everyday Life Problem-Solving Situations""; ""Applying the Adopting a Different Point of View Strategy to Solve Mathematics Problems""; ""Problems using the Adopting a Different Point of View Strategy""; ""Chapter 5 - Solving a Simpler Analogous Problem""; ""The Solving a Simpler Analogous Problem Strategy in Everyday Life Problem-Solving Situations""</p> <p>""Applying the Solving a Simpler Analogous Problem Strategy to Solve Mathematics Problems""""Problems using the Solving a Simpler Analogous Problem Strategy""; ""Chapter 6 - Considering Extreme</p> |

Cases"; "The Considering Extreme Cases Strategy in Everyday Life Problem-Solving Situations"; "Applying the Considering Extreme Cases Strategy to Solve Mathematics Problems"; "Problems using the Considering Extreme Cases Strategy"; "Chapter 7 - Making a Drawing (Visual Representation)"; "The Making a Drawing (Visual Representation) Strategy in Everyday Life Problem-Solving Situations"; "Applying the Making a Drawing (Visual Representation) Strategy to Solve Mathematics Problems"; "Problems using the Making a Drawing (Visual Representation) Strategy"; "Chapter 8 - Intelligent Guessing and Testing (Including Approximation)"; "The Intelligent Guessing and Testing (Including Approximation) Strategy in Everyday Life Problem-Solving Situations"; "Applying the Intelligent Guessing and Testing (Including Approximation) Strategy to Solve Mathematics Problems"; "Problems using the Intelligent Guessing and Testing (Including Approximation) Strategy"; "Chapter 9 - Accounting for all Possibilities"; "The Accounting for All Possibilities Strategy in Everyday Life Problem-Solving Situations"; "Applying the Accounting for all Possibilities Strategy to Solve Mathematics Problems"; "Problems Using the Accounting for all Possibilities Strategy"; "Chapter 10 - Organizing Data"; "The Organizing Data Strategy in Everyday Life Problem-Solving Situations"; "Applying the Organizing Data Strategy to Solve Mathematics Problems"; "Problems using the Organizing Data Strategy"; "Chapter 11 - Logical Reasoning"; "The Logical Reasoning Strategy in Everyday Life Problem-Solving Situations"

Sommario/riassunto

This updated edition presents ten strategies for solving a wide range of mathematics problems, plus new sample problems.
