1. Record Nr. UNINA9910817443703321 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 Thousand Oaks, California:,: Corwin Press,, 2008 Pubbl/distr/stampa ©2008 **ISBN** 1-4522-9848-3 Edizione [Second edition.] Descrizione fisica 1 online resource (280 p.) Disciplina 510.19 Soggetti Problem solving 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""; ""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"" ""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"" ""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

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""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.