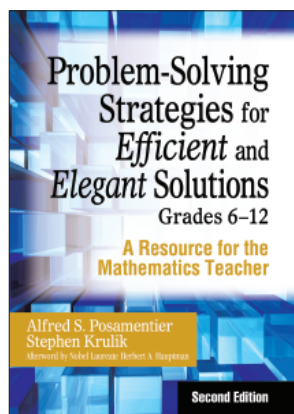


Hawker Brownlow Education

Problem-Solving Strategies for Efficient and Elegant Solutions

Authors: Alfred Posamentier, Stephen Krulik



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Summary:

Demonstrating there is always more than one approach to solving a problem, well-known authors and educators Alfred S. Posamentier and Stephen Krulik present ten basic strategies that are effective for finding solutions to a wide range of mathematics problems. These tried-and-true methods – including working backwards, finding a pattern, adopting a different point of view, solving a simpler analogous problem and making a visual representation – make problem solving easier, neater and more understandable for students as well as teachers.

This updated edition also includes:

- A variety of new problems that show how to use the strategies
- References to current standards
- Solutions to the problems in each chapter
- Extensive discussions of the empowering strategies used to solve sample problems

Supporting Resources:

- CO7475 – Key Concept in Mathematics
- CO572X – Designing Assessment in Mathematics, Second Edition
- CO6378 – Uncovering Student Thinking in Mathematics
- PE4573 – Designing Rubrics For Mathematics



PO Box 8580
Heatherton VIC 3202
Tel: +61 3 8558 2444
Fax: +61 3 8558 2400
Web: www.hbe.com.au
Email: orders@hbe.com.au