

ADDITION STRATEGIES

I can use a variety of strategies to add.

I can use my fingers.



$$4 + 2 = 6$$

I can make ten.

$$5 + 7$$

(5 + 5) + 2

$$5 + 7 = 12$$

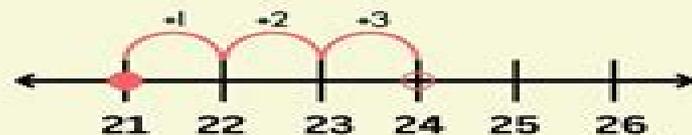
I can count on.



8, 9, 10, 11, 12

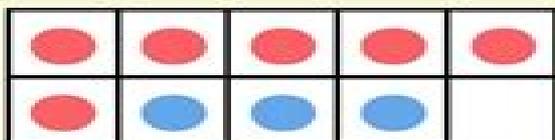
$$8 + 4 = 12$$

I can use a number line.



$$21 + 3 = 24$$

I can use a ten frame.



$$6 + 3 = 9$$

I can draw pictures.



$$5 + 3 = 8$$

I can use base ten blocks.



$$11 + 24 = 35$$

I can use part-part-whole.



$$4 + 6 = 10$$

Numbers Counting Advanced Strategies

James M. Royer



Numbers Counting Advanced Strategies:

The Learning Framework in Number Robert J Wright, David Ellemor-Collins, 2018-03-12 This latest book in the bestselling Mathematics Recovery series gives mathematics educators a complete research based framework for assessment instruction and intervention in whole number arithmetic across grades K to 5 The integrated set of classroom tools includes Nine carefully designed schedules of assessment tasks Nine models of learning progressions Ten teaching maps that guide the instructional progressions across key topics The book offers guidance on innovative video based assessment and an overview of principles of intervention instruction giving you an integrated resource for supporting the children you teach The Learning Framework in Number will be a useful guide for all primary and elementary school classroom teachers and assistants and specialist teachers including experienced Mathematics Recovery instructors The book will also be of significant interest to teacher educators and researchers

Teaching Number in the Classroom with 4-8 Year Olds Robert J Wright, Garry Stanger, Ann K. Stafford, James Martland, 2014-10-17 Bring the principles and practice of the acclaimed Mathematics Recovery Programme to whole class teaching WHY INVEST IN THE NEW EDITION In full colour with a revised layout for clearer navigation More up to date tasks activities and real classroom examples Learning trajectories for guiding instruction and tracking progress on key topics Extra resources online on the companion website Part of the best selling Maths Recovery series this practical step by step guide to classroom instruction takes an inquiry based approach to assess children s knowledge and build on this to develop a firm foundation of understanding and confidence in mathematics Topics covered range from beginning number and early counting strategies to multi digit addition and subtraction right through to multiplication and division An invaluable resource for use on pre service teacher training courses and for all primary classroom teachers and assistants including experienced Mathematics Recovery instructors as well as learning support personnel primary mathematics advisors numeracy consultants and educational psychologists WHAT EXTRAS ARE ON THE COMPANION WEBSITE Downloadable extra chapter resources like print out grids worksheets cards and much more A Facilitator s Guide that can be used either individually or in group study to help you get the most out of the material In class video demonstrations to clearly show how the instructional activities in the book are used in the classroom Webinar discussing the key points in the book and how it supports your teaching Research informs practice in this easy to access resource Each chapter gives educators practical bite sized assessments linked to a host of activities that helps them target teaching and develop the firm foundations which are so vital for confident and competent mathematicians Jill Piotrowski Numeracy Consultant Wigan Local Authority UK The Classroom Instructional Framework in Early Number is research based and provides a roadmap of not only the what but the when and the how to teach all aspects of early number Vicki Nally Mathematics Consultant at Catholic Education Office Melbourne The structured approach offers a wealth of rich and easily implemented classroom based activities that work thousands of teachers in Ireland attest to this Noreen O Loughlin Director

Maths Recovery and Maths Education Lecturer Mary Immaculate College Limerick Ireland *Intensifying Mathematics Interventions for Struggling Students* Diane Pedrotty Bryant, 2021-07-05 This book Intensive Mathematics Interventions provides a thorough background knowledge about mathematics difficulties across the grade span Even more valuable to educators this book provides user friendly guidance on how to address all of the elements of mathematics difficulties from preschool to secondary grades Each topic provides clear guidance to support decision making about intensive instruction including examples ideas practices and suggestions You will learn about the characteristics of students with math difficulties how to use data to progress monitor them how to intensify interventions specific evidence based practices for addressing early numeracy time and money whole numbers rational numbers word problem solving strategies algebra and even technology

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