

The sum of three times a number and 2 less than 4 times that same number is 61. Write an equation and solve to determine the value of the unknown number.

$$3n + 4n - 2 = 61$$

$$7n - 2 = 61$$

$$+2 \quad +2$$

$$7n = 63$$

$$\frac{7n}{7} = \frac{63}{7}$$

$$n = 9$$

$$\begin{array}{r} 27 \\ + 36 \\ \hline 63 \\ - 2 \\ \hline 61 \end{array}$$

Solving Algebra Word Problems

Mark Zegarelli



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400 Practice Algebra Word Problems (with Help and Solutions) Douglas N. Shillady, 2011-12-08 If you want to improve your Algebra word problem solving skills this book is filled with what you need the most Practice 400 Practice Algebra Word Problems With Help and Solutions will make a great standalone or supplemental practice guide for you if you are serious about developing your math word problem solving skills or raising your grades in school It contains 400 practice word problems that will sharpen your skills at solving problems involving addition subtraction multiplication division mixed operations systems of equations mixtures rates and time work and even more It starts simple and will gradually build your skills from the ground up by presenting word problems from basic to more difficult And in case you come upon any word problem that gives you trouble it provides sample equations for each word problem to give you a hint or a nudge in the right direction Solutions are also given to ensure that you will arrive at the correct answers But that's not all 400 Practice Algebra Word Problems With Help and Solutions also contains an entire section dedicated to giving you hints tips and useful tricks that they don't teach you in school to help you master the hardest part about solving word problems translating the written words into mathematical equations And unlike other books it won't lock you into a rigid step by step solving process or force you to solve word problems in any particular way It gives you the opportunity to practice and learn in the way that suits you best So start practicing How to Solve Algebra Word Problems William A. Nardi, 1991 **How to Solve Word Problems in Algebra, 2nd Edition** Mildred Johnson, Timothy E. Johnson, 1993-01-21 Solving word problems has never been easier than with Schaum's How to Solve Word Problems in Algebra This popular study guide shows students easy ways to solve what they struggle with most in algebra word problems How to Solve Word Problems in Algebra Second Edition is ideal for anyone who wants to master these skills Completely updated with contemporary language and examples features solution methods that are easy to learn and remember plus a self test **Algebra Word Problems** Rebecca Wingard-Nelson, 2010-07-01 Are your students having a problem with word problems Author Rebecca Wingard Nelson introduces simple ways to tackle tricky word problems with algebra Real world examples make the book easy to read and are great for students to use on their own or with parents teachers or tutors Free downloadable worksheets are available on www.enslow.com **How To Solve Algebra Word Problems** Thomson/arco, **Study Guides for Solving Algebraic Word Problems** Andrewdelle R. Hensley, Hensley, South-western Publishing Company, 1986 Algebra Word Problems Practice Workbook with Full Solutions Chris McMullen, 2019-03-20 The author Chris McMullen Ph D has over twenty years of experience teaching word problems and math skills to physics students He prepared this workbook with full solutions to every problem to share his strategies for solving algebra word problems 30 fully solved examples serve as a guide 70 practice exercises include full solutions a quick algebra refresher reviews essential skills a chapter on strategies and tips introduces the basic concepts A variety of word topics are covered including age problems problems with integers relating the digits of a number fractions

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problems The results from the observation indicated that the three teachers had different styles in teaching students to solve word problems Two teachers used direct instruction with little students participation The third teacher used a less directed role and allowed her students to actively participate by asking and answering questions and participating in collaborative groups Potential connection between teaching and learning were evidenced by students performance in a class taught by a teacher who used a less directive role improved much more than students performance in a class taught by a teacher who used a direct instruction exclusively

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