





# Teacher Guide

Our resource has been created for ease of use by both **TEACHERS** and **STUDENTS** alike.

## Introduction



Our resource offers ready-to-use worksheet activities for students in grades three to five.



Math concepts outlined by the NCTM are presented in a way that encourages students to learn and review important concepts. Our resource can be used effectively for whole-class, small group and independent work. This book's exercises vary in difficulty and content so as to provide teachers and students with a variety of teaching and learning opportunities. Included are problems using multiplication and division, place value, fractions, percent and decimals. Visual models are included to assist visual learners. Teachers may also choose to use mathematics manipulatives along with the exercises included in this book to help address the needs of kinesthetic learners.

The **NCTM Content Standards Assessment Rubric** (page 4) is a useful tool for evaluating work in many of the activities in our resource. The **Reviews** (pages 24-26) are divided by grade and can be used for a follow-up review or assessment at the completion of the unit.

## PICTURE CUES

This resource contains three main types of pages, each with a different purpose and use. A **Picture Cue** at the top of each page shows, at a glance, what the page is for.

### Teacher Guide

- Information and tools for the teacher

### Student Handout

- Reproducible worksheets and activities

### Easy Marking™ Answer Key

- Answers for student activities

## How Is Our Resource Organized?

### STUDENT HANDOUTS

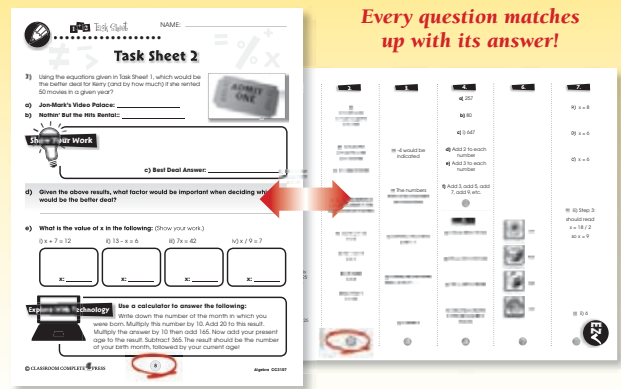
Reproducible **task sheets** and **drill sheets** make up the majority of our resource.

The **task sheets** contain challenging problem-solving tasks, many centered around 'real-world' ideas or problems, which push the boundaries of critical thought and demonstrate to students why mathematics is important and applicable in the real world. It is not expected that all activities will be used, but are offered for variety and flexibility in teaching and assessment. Many of the task sheet problems offer space for reflection, and opportunity for the appropriate use of technology, as encouraged by the NCTM's *Principles & Standards for School Mathematics*.

The **drill sheets** are provided to help students with their procedural proficiency skills, as emphasized by the NCTM's *Curriculum Focal Points*.

## EASY MARKING™ ANSWER KEY

Marking students' worksheets is fast and easy with this **Answer Key**. Answers are listed in columns – just line up the column with its corresponding worksheet, as shown, and see how every question matches up with its answer!





# Task Sheet 2

2) Using the equations given in Task Sheet 1, which would be the better deal for Kerry (and by how much) if she rented 50 movies in a given year?

a) **Jon-Mark's Video Palace:** \_\_\_\_\_

b) **Nothin' But the Hits Rental:** \_\_\_\_\_



## Show Your Work



c) **Better Deal Answer:** \_\_\_\_\_

d) **Given the above results, what factors would be important when deciding which would be the better deal?**

e) **What is the value of x in the following:** (Show your work.)

i)  $x + 7 = 12$

ii)  $3 - x = 6$

iii)  $7x = 42$

iv)  $x / 9 = 7$

x: \_\_\_\_\_

x: \_\_\_\_\_

x: \_\_\_\_\_

x: \_\_\_\_\_

## Explore With Technology



**Use a calculator to answer the following:**

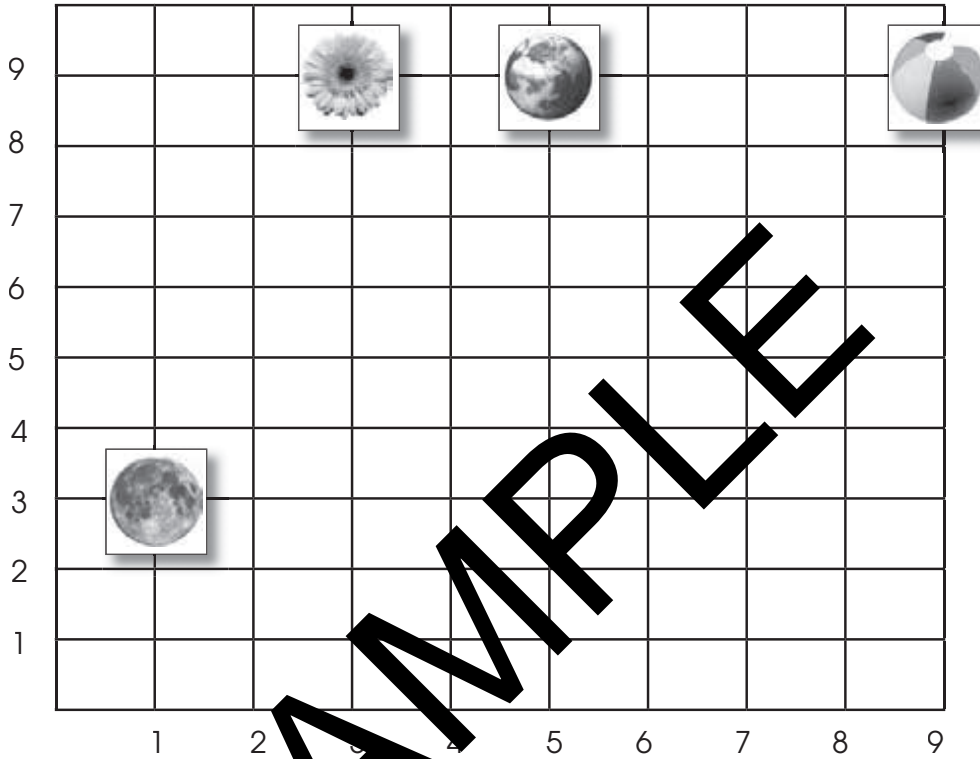
Write down the number of the month in which you were born. Multiply this number by 10. Add 20 to this result. Multiply the answer by 10 then add 165. Now add your present age to the result. Subtract 365. The result should be the number of your birth month, followed by your current age!



# Task Sheet 6



6a) From the following graph, give the coordinates for the four objects indicated.



SAMPLE

Coordinates



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_