

# Table of Contents

## Chapter 1: NUMBERS AND OPERATIONS

Place Value	1
Subtraction	2
Addition and Multiplication	3
Multiplication	4
Division	5

## Chapter 2: DATA AND GRAPHING

Mean	6
Pie Graph	7

## Chapter 3: GEOMETRY

Fractions	8
Patterns	9
Reflection	10
Angles	11
Triangles	12
Concentric Circle	13
Line Symmetry	14
Solid Figures	15

## Chapter 4: MEASUREMENT

Customary Length	16
Metric Length	17
Circumference	18
Volume	19
Time	20

## Chapter 5: LOGIC AND PROBABILITY

Logical Reasoning	21
Probability Expressed As A Fraction	22
Combinations	23

## Chapter 7: PROBLEM SOLVING

Multi-Step Problem Solving #1	24
Multi-Step Problem Solving #2	25
Multi-Step Problem Solving #3	26
Multi-Step Problem Solving #4	27
Spatial Reasoning	28

# Place Value

You had a dream last night that showed you graduating from college and getting recruited to work for a great company that specializes in science, technology, engineering, or math (STEM). The contract stated that you will earn \$72, 871 each year. Figure out the value of the underlined digit and draw the number of dollar signs that corresponds to the value. How many dollar signs did you draw? Double check and then triple check your work.

Coolin and Schoolin Checklist

Name/Date \_\_\_\_\_

√√√ (Triple check) \_\_\_\_\_

# Subtraction

You plan on attending a large university in your state and discovered that it costs \$23,000 each year. You figure that cost will not be a problem because you are determined to get good grades, be involved in extracurricular activities and receive a scholarship for \$18,000 and a grant for \$5,000. If you receive the scholarship and the grant, how much money will you have to personally pay to the university. After you get the answer draw a picture of your families' reaction to the good news. Double check and then triple check your work.

Coolin and Schoolin Checklist

Name/Date \_\_\_\_\_

√√√(Triple check) \_\_\_\_\_