
Contents

Introduction	5
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The Language of Algebra

Order of Operations	6
Expressions	7
Equations	8
Writing Expressions and Equations	9
Properties of The Four Operations	10
Distributive Property	11
Inequalities	12
Word Problems	13

Integers

Integers	14
Opposites and Absolute Value	15
Add Integers 1	16
Add Integers 2	17
Explore Subtraction	18
Subtract Integers	19
Add/Subtract Roundup	20
Divide a Sum or a Difference	21
Zero and One	22
Multiply Integers	23
Divide Integers	24
Integer Problems	25
Powers With Negative Base	26
Integers Reminder Sheets 1	27
Integers Reminder Sheets 2	28

Solving One-Step Equations

Solving Linear Equations 1	29
Solving Linear Equations 2	30
Addition and Subtraction Equations	31
Multiplication/Division Equations	32
More Practice	33
Equations Situations	34

Factors and Fractions

Powers and Exponents	35
Multiply and Divide Powers	36
Divisibility and Factors	37
Prime Factorization	38
More on Primes	39
GCF and Simplifying Fractions	40
LCM and Equivalent Fractions	41
LCM and Comparing Fractions	42

Rational Numbers

Rational Numbers	43
Fractions and Decimals	44
Add and Subtract Decimals	45
Decimal Problems	46
Multiply Decimals	47
Divide Decimals	48
Scientific Notation and Powers of Ten	49
Equations With Decimals	50
Percents and Decimals	51
What Part and Percent	52
Add and Subtract Fractions	53
Multiply Fractions	54
Divide Fractions	55

Equations and Inequalities

Addition and Subtraction Equations	56
Multiplication and Division Equations	57
Sequences	58
Two-step Equations	59
Variables on Both Sides	60
Using Distributive Property	61
Word Problems	62
Solving Inequalities 1	63
Solving Inequalities 2	64
Two-Step Inequalities	65
Coordinate Grid	66
Plotting Lines	67
Equations With Two-Variables	68
Slope	69
Intercept	70
Systems of Two Equations	71
Time and Distance Problems	72
Celsius and Fahrenheit	73
Two Speeds	74
Comparing Phone Services	75
Prices per Pound	76

Introduction

Math Mammoth Grade 7-A Worksheet Collection contains problem sheets covering about half of typical 7th and 8th grade mathematics topics (pre-algebra). These worksheets have problems only. In other words, it is a worksheet collection without textbook explanations.

This collection was originally created for and in collaboration with SpiderSmart, Inc. tutoring company. I have created the worksheets with teachers' needs in mind: each one is exactly one page, concentrating on one topic (with the exception of some "review" worksheets); therefore is easy to assign for students.

The worksheets are very variable, with numerous word problems and problems that emphasize understanding. They are not made by a script, but hand-crafted one by one.

The first part of this pre-algebra collection contains worksheets for beginning algebra topics such as expressions, linear equations, and basic properties of the four operations.

There is also an extensive section on integers. Fraction and decimal topics are still present but not anymore with such detail as on previous grades. The fraction section contains a few worksheets that touch on the concept of percent; however most of the percent related worksheets are in the 7-B collection.

The section on linear equations and inequalities contains the basics of solving linear equations, and as such can easily be used on 8th grade or as part of algebra course as well. This section also contains various sheets about example practical applications of linear equations.

The 7-B collection covers the rest of the 7th grade topics: proportion and percent, statistics and graphs, probability, geometry, right triangles - and little bit on polynomials (though this last topic could be left for 8th grade or for algebra).

I wish you success with math teaching!

Maria Miller, the author