

# **Math 4 Success**

## **TABLE OF CONTENTS**

### ***LEVEL 19***

<b>1. Identifying set terminology .....</b>	<b>3</b>
<b>2. The commutative, associative and distributive properties .....</b>	<b>9</b>
<b>3. Converting repeating decimals to fractions .....</b>	<b>15</b>
<b>4. Geometry: Related angles .....</b>	<b>21</b>
<b>5. Graphing solution sets on the number line.....</b>	<b>30</b>
<b>6. Simplifying expressions involving whole numbers.....</b>	<b>38</b>
<b>7. Measuring to the nearest unit.....</b>	<b>41</b>
<b>8. Writing expressions using properties .....</b>	<b>48</b>
<b>9. Relating fractions, decimals and percents .....</b>	<b>54</b>
<b>10. Extending the classification of triangles .....</b>	<b>60</b>
<b>11. Graphing Functions .....</b>	<b>68</b>
<b>12. Simplifying expressions involving fractional numbers .....</b>	<b>76</b>
<b>13. Measurement: Finding the greatest possible error .....</b>	<b>84</b>
<b>14. Geometry: Tracing networks.....</b>	<b>87</b>
<b>15. Pre-Test</b>	<b>Answers to Pre-Test.....98</b>
<b>16. Post Test</b>	<b>Answers to Post Test.....109</b>
<b>17. Class Record .....</b>	<b>93</b>
<b>18. Drill and Practice .....</b>	<b>95</b>



**Math 4 Success**  
**TABLE OF CONTENTS**  
**LEVEL 21**

1. Extending the set of nonnegative rational numbers to include negative rational	208	
2. Comparing Rational Numbers.....	213	
3. Adding and Subtracting Integers without using the Number Line.....	218	
4. Multiplying Integers.....	223	
5. Dividing Integers.....	228	
6. Simplifying Expressions using Integers.....	233	
7. Determining Statistical Averages .....	241	
8. Solving Word Problems involving Commission, Interest and Discount...247		
9. Translating Word Phrases into Number Phrases.....	254	
10. Frequency Distributions .....	259	
11. Finding the Probability with Simple Experiments .....	265	
12. Euclidean Algorithm.....	268	
13. Completing Vector Equation.....	271	
14. Thinking Logically - Beginning Logic .....	274	
15. Pre-Test	Answers to Pre-Test .....	283
16. Post Test	Answers to Post Test.....	292
17. Class Record .....		281
18. Drill and Practice.....		278