

## Gain Access Math Booster Course 20 x 45 minutes

Lesson Numbers	<ul style="list-style-type: none"><li>Overview of Lesson</li></ul>	<ul style="list-style-type: none"><li>Key Content Covered</li></ul>
1&2	<ul style="list-style-type: none"><li>Vocabulary</li></ul>	<ul style="list-style-type: none"><li>An overview of Math vocabulary in English</li><li>Translating words into mathematical symbols</li></ul>
3&4	<ul style="list-style-type: none"><li>ALGEBRA</li></ul>	<ul style="list-style-type: none"><li>Algebraic expressions</li><li>PEMDAS</li><li>FOIL</li></ul>
5&6	<ul style="list-style-type: none"><li>ARITHMETIC</li></ul>	<ul style="list-style-type: none"><li>Distributive rule</li><li>Difference of squares</li><li>Perfect square trinomials</li><li>General trinomials</li><li>Factoring</li></ul>
7&8	<ul style="list-style-type: none"><li>ALGEBRA</li></ul>	<ul style="list-style-type: none"><li>Ratio</li><li>Proportion</li><li>Percents</li></ul>
9&10	<ul style="list-style-type: none"><li>ALGEBRA</li></ul>	<ul style="list-style-type: none"><li>Inequalities</li><li>Absolute values</li></ul>
11&12	<ul style="list-style-type: none"><li>ARITHMETIC</li></ul>	<ul style="list-style-type: none"><li>Exponents</li><li>Roots</li></ul>

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13&14	<ul style="list-style-type: none"><li>• GEOMETRY</li></ul>	<ul style="list-style-type: none"><li>• Lines and angles</li><li>• Triangles</li><li>• Quadrilaterals</li><li>• Volume</li><li>• Circles</li><li>• Shaded regions</li></ul>
15&16	<ul style="list-style-type: none"><li>• WORD PROBLEMS</li></ul>	<ul style="list-style-type: none"><li>• Motion problems</li><li>• Work problems</li><li>• Mixture problems</li><li>• Coin problems</li><li>• Age problems</li><li>• Interest problems</li></ul>
17&18	<ul style="list-style-type: none"><li>• GEOMETRY</li></ul>	<ul style="list-style-type: none"><li>• Axes and quadrants</li><li>• Distance formula</li><li>• Mid-point formula</li><li>• Slope formula</li><li>• Slope-intercept</li><li>• Areas and perimeters</li></ul>
19 & 20	<ul style="list-style-type: none"><li>• ALGEBRA</li></ul>	<ul style="list-style-type: none"><li>• Averages</li><li>• Weighted averages</li><li>• Average speed</li></ul>