


Content: Math		Grade Level: 6th												
<b>Standard: 6.EE.2a</b>														
Write expressions that record operations with numbers and with letters standing for numbers.														
<b>I can statements:</b>														
<ul style="list-style-type: none"> <li>I can translate a description into a mathematical expression.</li> <li>I can use a variable to represent an unknown quantity in an expression.</li> </ul>														
<b>Score 4.0</b>	<b>In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.</b>	<p><b>Sample Activities</b></p> <p><b>COMPETITION</b> There are 140 people in a singing competition. The graph shows the results for the first five rounds.</p> <p>a. Write an expression for the number of people after each round.</p> <p>Answer: <math>140 - 15n</math>, where <math>n = \text{round}</math></p>  <table border="1"> <caption>Singing Competition</caption> <thead> <tr> <th>Round</th> <th>Contestants after each round</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>125</td> </tr> <tr> <td>2</td> <td>110</td> </tr> <tr> <td>3</td> <td>95</td> </tr> <tr> <td>4</td> <td>80</td> </tr> <tr> <td>5</td> <td>65</td> </tr> </tbody> </table>	Round	Contestants after each round	1	125	2	110	3	95	4	80	5	65
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1	125													
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	3.5	In addition to score 3.0 performance, in-depth inferences and applications with partial success.												
<b>Score 3.0</b>	<b>The student can solve multistep problems involving properties of operations.</b>	A car is traveling at a speed of 55 miles per hour. Write an algebraic expression to show how far the car will travel for any number of hours.												
		<b>The student exhibits no major errors or omissions.</b>												
	2.5	No major errors or omissions regarding 2.0 content and partial knowledge of the 3.0 content.												
<b>Score 2.0</b>	<b>There are no major errors or omissions regarding the simpler details and processes. Students are able to write an expression when give a phrase. However, the student exhibits major errors or omissions regarding the more complex ideas and processes.</b>	Write as a numerical or algebraic expression: 32 subtracted from $y$												
	1.5	Partial knowledge of the 2.0 content, but major errors or omissions regarding the 3.0 content.												
<b>Score 1.0</b>	<b>With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.</b>	Answer: $y - 32$												
	0.5	With help, a partial understanding of the 2.0 content, but not the 3.0 content.												
<b>Score 0.0</b>	<b>Even with help, no understanding or skill demonstrated.</b>													