

Subject: Math-Quarter 1		Grade: 8	Strand: Algebra and Functions
Standard: 8.AF.1: Solve linear equations with rational number coefficients fluently, including equations whose solutions require expanding expressions using the distributive property and collecting like terms. Represent real-world problems using linear equations and inequalities in one variable and solve such problems.			
4.0	Student demonstrates a deep understanding by consistently extending work beyond Level 3.	Sample Task(s)	
		Barbara is learning to speak a foreign language. She already knows 16 words in the foreign language. Her goal is to know a total of 100 words. Over the summer, she will learn 4 new words each day.	
3.5	<i>Student has consistently met Level 3 requirements, but occasionally demonstrates the ability to successfully work beyond.</i>		
3.0	The student demonstrates proficiency on the grade level standard by: <ul style="list-style-type: none"> • Fluently solve linear equations and inequalities in one variable, including equations whose solutions require expanding expressions using distributive property and collecting like terms. • Represent real-world problems using linear equations and inequalities in one variable. • Solve real-world problems. The student is consistently able to apply the grade level concepts and skills above.	Sample Task(s)	
		$\frac{2}{3}(x + 12) + \frac{2}{3}x = 4$	
2.5	<i>Student has demonstrated an understanding of the concepts and skills in Level 2, as well as some success on Level 3 concepts and skills.</i>		
2.0	The student is demonstrating success on the following foundational concepts and skills: <ul style="list-style-type: none"> • Collecting like terms • Expanding expressions using the distributive property • solving problems with rational numbers by using by using multiple operations. • Maintaining a balanced equation. 	Sample Task(s)	
1.5	<i>Student has independently demonstrated some success on the foundational concepts and skills.</i>		

1.0	The student can demonstrate some success on the foundational concepts and skills but requires support to do so.	
0.0	There is no evidence of success on the foundational concepts and skills, even with support.	