

6th Grade Advanced/Accelerated Math Bridge Program

Students taking Advanced Math 6 this year will need to show that they are proficient in the 7th grade CA Math Standards listed below in order to enroll in Accelerated Math 7 next year. The goal of this bridge program is to help you prepare for the test you will take to demonstrate your proficiency. Students may use a course created for this purpose on Khan Academy. The course offers a Unit Test that will be taken prior to beginning this material. Your individualized study plan will then be available on Khan Academy in order to help you through any areas you are not mastering. If you prefer to use a textbook to prepare, you can work through the lessons in the Big Ideas Math Course 2 Book (links provided; textbooks may be available for check out at your school library). See your teacher or school counselor for more information about when the proficiency test will be given at your school.

I can statement	Standard	Big Ideas Book	Khan Academy Lessons
I can add and subtract rational numbers, integers and absolute value.	7.NS1	<ul style="list-style-type: none"> <input type="checkbox"/> 1.1 <input type="checkbox"/> 1.2 <input type="checkbox"/> 1.3 <input type="checkbox"/> 2.1 <input type="checkbox"/> 2.2 <input type="checkbox"/> 2.3 	<ul style="list-style-type: none"> <input type="checkbox"/> Adding Negative Numbers <input type="checkbox"/> Understanding Subtraction as Adding the Opposite <input type="checkbox"/> Subtracting Negative Numbers <input type="checkbox"/> Number Equations and Number Lines <input type="checkbox"/> Adding and Subtracting Negative Numbers <input type="checkbox"/> Adding and Subtracting Negative Fractions <input type="checkbox"/> Negative Number Addition and Subtraction Word Problems <input type="checkbox"/> One Step Equations with Negatives (add and subtract)
I can multiply and divide rational numbers, integers and absolute value.	7.NS2	<ul style="list-style-type: none"> <input type="checkbox"/> 1.4 <input type="checkbox"/> 1.5 <input type="checkbox"/> 2.4 	<ul style="list-style-type: none"> <input type="checkbox"/> Multiplying Negative Numbers <input type="checkbox"/> Dividing Negative Numbers <input type="checkbox"/> One Step Equations with Negatives (multiply and divide) <input type="checkbox"/> Multiplying and Dividing Negative Numbers Word Problems <input type="checkbox"/> Multiplying Positive and Negative Fractions <input type="checkbox"/> Dividing Positive and Negative Fractions
I can calculate unit rates with ratios of fractions	7.RP1	<ul style="list-style-type: none"> <input type="checkbox"/> 5.1 	<ul style="list-style-type: none"> <input type="checkbox"/> Rates with Fractions
I can recognize and show proportional relationships between quantities using different ways.	7.RP2	<ul style="list-style-type: none"> <input type="checkbox"/> 5.2 <input type="checkbox"/> 5.3 <input type="checkbox"/> 5.4 <input type="checkbox"/> 5.5 <input type="checkbox"/> 5.6 	<ul style="list-style-type: none"> <input type="checkbox"/> Constant of Proportionality from Equations <input type="checkbox"/> Constant of Proportionality from Graphs <input type="checkbox"/> Constant of Proportionality from Tables <input type="checkbox"/> Constant of Proportionality from Tables (with equations) <input type="checkbox"/> Compare Constants of Proportionality <input type="checkbox"/> Interpret Constants of Proportionality <input type="checkbox"/> Proportional Relationships <input type="checkbox"/> Interpreting Graphs of Proportional Relationships <input type="checkbox"/> Solving Proportions <input type="checkbox"/> Writing Proportions <input type="checkbox"/> Proportion Word Problems
I can use percents to solve multistep problems.	7.RP3	<ul style="list-style-type: none"> <input type="checkbox"/> 5.1 <input type="checkbox"/> 5.3 <input type="checkbox"/> 6.3 <input type="checkbox"/> 6.4 <input type="checkbox"/> 6.5 <input type="checkbox"/> 6.6 <input type="checkbox"/> 6.7 	<ul style="list-style-type: none"> <input type="checkbox"/> Equivalent Expressions with Percent Problems <input type="checkbox"/> Percent Problems <input type="checkbox"/> Tax and Tip Word Problems <input type="checkbox"/> Discount, Markup, and Commission Word Problems