

Exploring the Extreme			
2007 Mathematics			
Academic Standards			
Minnesota Mathematics			
Grade 5			
Activity/Lesson	State	Standards	
Center of Gravity, Pitch, Yaw	MN	MA.5.5.1.1.3	Estimate solutions to arithmetic problems in order to assess the reasonableness of results.
Exploring the Extreme			
2007 Mathematics			
Academic Standards			
Minnesota Mathematics			
Grade 6			
Activity/Lesson	State	Standards	
Center of Gravity, Pitch, Yaw	MN	MA.6.6.1.1.3	Understand that percent represents parts out of 100 and ratios to 100.
Exploring the Extreme			
2007 Mathematics			
Academic Standards			
Minnesota Mathematics			
Grade 7			
Activity/Lesson	State	Standards	
Fuel Efficiency	MN	MA.7.7.2.2.4	Represent real-world or mathematical situations using equations and inequalities involving variables and positive and negative rational numbers.
Fuel Efficiency	MN	MA.7.7.2.4.1	Represent relationships in various contexts with equations involving variables and positive and negative rational numbers. Use the properties of equality to solve for the value of a variable. Interpret the solution in the original context.
Exploring the Extreme			
2007 Mathematics			
Academic Standards			
Minnesota Mathematics			
Grade 8			
Activity/Lesson	State	Standards	
Fuel Efficiency	MN	MA.8.8.2.2.4	Represent arithmetic sequences using equations, tables, graphs and verbal descriptions, and use them to solve problems.