

Flight-Testing Newton's Laws

2008 Mathematics

Learning Standards

Washington Mathematics

Grades 9-12 (Algebra)

Activity/Lesson	State	Standards	
Session-10 (1-5)	WA	MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.
Session-10 (1-5)	WA	MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.
Session-10 (1-5)	WA	MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.
Session-1 (1-17)	WA	MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.
Session-1 (1-17)	WA	MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.
Session-1 (1-17)	WA	MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.
Session-2 (1-10)	WA	MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.
Session-2 (1-10)	WA	MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.
Session-2 (1-10)	WA	MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.
Session-3 (1-6)	WA	MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.
Session-3 (1-6)	WA	MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.
Session-3 (1-6)	WA	MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.
Session-4 (1-11)	WA	MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.
Session-4 (1-11)	WA	MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.
Session-4 (1-11)	WA	MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.

Session-5 (1-6)	WA	MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.
Session-5 (1-6)	WA	MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.
Session-5 (1-6)	WA	MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.
Session-6 (1-8)	WA	MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.
Session-6 (1-8)	WA	MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.
Session-6 (1-8)	WA	MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.
Session-7 (1-5)	WA	MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.
Session-7 (1-5)	WA	MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.
Session-7 (1-5)	WA	MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.
Session-8 (1-9)	WA	MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.
Session-8 (1-9)	WA	MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.
Session-8 (1-9)	WA	MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.
Session-9 (1-7)	WA	MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.
Session-9 (1-7)	WA	MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.
Session-9 (1-7)	WA	MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.
Flight-Testing Newton's Laws			
2008 Mathematics			
Learning Standards			
Washington Mathematics			
Grades 9-12 (Algebra 2)			
Activity/Lesson	State	Standards	

Session-10 (1-5)	WA	MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.
Session-10 (1-5)	WA	MA.9-12.A2.7.A	Solve systems of three equations with three variables.
Session-2 (1-10)	WA	MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.
Session-2 (1-10)	WA	MA.9-12.A2.7.A	Solve systems of three equations with three variables.
Session-4 (1-11)	WA	MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.
Session-4 (1-11)	WA	MA.9-12.A2.7.A	Solve systems of three equations with three variables.
Session-5 (1-6)	WA	MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.
Session-5 (1-6)	WA	MA.9-12.A2.7.A	Solve systems of three equations with three variables.
Session-6 (1-8)	WA	MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.
Session-6 (1-8)	WA	MA.9-12.A2.7.A	Solve systems of three equations with three variables.
Session-7 (1-5)	WA	MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.
Session-7 (1-5)	WA	MA.9-12.A2.7.A	Solve systems of three equations with three variables.