



## M314 ALGEBRA 2

Name: \_\_\_\_\_

### CHAPTER 1 Order of Operations

Teacher: \_\_\_\_\_ Per: \_\_\_\_\_

#### Concepts

C1: I know what these words mean:

• Integer	Fraction	Evaluate	Algebraic expression
Exponent	Radical	Distribute	Operation
Simplify	Substitute	Variable	Value

C2: I know that a fraction is an expression using division.

C3: I know the 6 algebraic operations.

C4: I know the order of those operations.

#### Skills

S1: I can evaluate and simplify an expression using the order of operations.

S2: I can use a graphing calculator to simplify fractions.

S3: I can use a graphing calculator to perform order of operations.

S4: I can substitute values in for variables to evaluate.

	Group Work	Independent Work		
Skills		Practice	Above & Beyond	Eval.
S1: Evaluate using integer operations	<input type="checkbox"/> G1a: Add/Subtract <input type="checkbox"/> G1b: Multiply/Divide <input type="checkbox"/> G1c: Exponents/ Radicals <input type="checkbox"/> G1d: Order of Operations	<input type="checkbox"/> P1a <input type="checkbox"/> P1b <input type="checkbox"/> P1c <input type="checkbox"/> P1d <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> AB1a <input type="checkbox"/> AB1b <input type="checkbox"/> AB1c <input type="checkbox"/> AB1d	
S2: Simplify fractions	<input type="checkbox"/> G2a: Add/Subtract <input type="checkbox"/> G2b: Multiply/Divide <input type="checkbox"/> G2c: Exponents/ Radicals <input type="checkbox"/> G1d: Order of Operations	<input type="checkbox"/> P2a <input type="checkbox"/> P2b <input type="checkbox"/> P2c <input type="checkbox"/> P2d <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> AB2a <input type="checkbox"/> AB2b <input type="checkbox"/> AB2c <input type="checkbox"/> AB2d	

S3: Order of Operations	<input type="checkbox"/> G3a: Add/Subt./ Mult./Divide <input type="checkbox"/> G3b: Exponents/ Radicals <input type="checkbox"/> G3c: Order of Operations	<input type="checkbox"/> P3a <input type="checkbox"/> P3b <input type="checkbox"/> P3c <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> AB3a <input type="checkbox"/> AB3b <input type="checkbox"/> AB3c	
S4: Substitution	<input type="checkbox"/> G4a: Add/Subt./ Mult./Divide <input type="checkbox"/> G4b: Exponents/ Radicals <input type="checkbox"/> G4c: Order of Operations	<input type="checkbox"/> P4a <input type="checkbox"/> P4b <input type="checkbox"/> P4c <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> AB4a <input type="checkbox"/> AB4b <input type="checkbox"/> AB4c	