

Name: _____

Date: _____

BLM 5-1

Chapter 5 Self-Assessment

Concept	BEFORE	DURING (What I can do)	AFTER (Proof that I can do this)
5.1			
I can convert between mixed radicals and entire radicals involving variables.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can compare and order radical expressions.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can identify restrictions on the values for a variable in a radical expression.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can simplify radical expressions using addition.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can simplify radical expressions using subtraction.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can explain that $\sqrt{x^2} \neq \pm x$.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
5.2			
I can multiply and divide radical expressions.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can determine the conjugate of a radical expression.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can rationalize the denominator of a radical expression.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can solve problems that involve radical expressions.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes



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(continued)

Concept	BEFORE	DURING (What I can do)	AFTER (Proof that I can do this)
5.3			
I can solve equations involving square roots.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can determine the roots of a radical equation algebraically.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can identify restrictions on the values for the variable in a radical equation.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can identify extraneous roots.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can explain why extraneous roots might occur when solving a radical equation.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes
I can model and solve problems with radical equations.	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes	<input type="checkbox"/> No, not yet <input type="checkbox"/> Some <input type="checkbox"/> Yes

