

Algebra 1, Learning Log

Name: _____

Ch. 2		<u>Big Idea:</u> Using Formulas		<u>Enduring Understanding:</u> Formulas are used frequently in our lives. I need to know how to work with formulas and measurements.	<u>Enduring Question:</u> How can I use these formulas to solve my problems?
Day	Title	Concept	Learning Targets (What should I know, be able to do, what attitude should I have?)	How am I doing? A= I knew how and got it right B= I knew how, but small error C= I had no idea/guessed right D= I had no idea/guessed wrong	Assessments/Learning Activities
1	2.1	Metric Measurement	a. I understand that metric measurements are based on powers of ten. b. I can solve real problems that involve measurements c. I can convert within the metric measurement system.		2.1, p. 86: 2, 3-7, 10-16, 23-26 1.9, p. 54: 7, 10, 11, 19, 21 1.8, p. 48: 18, 28, 33 1.7, p. 43: 40-42
2	2.2	Unit Analysis	a. I use unit analysis to convert units of measurement b. I can create unit rates.		2.2, p. 92: 1, 2, 5, 6, 9-16, 24 2.1, p. 87: 8, 9, 17-20 1.9, p. 54: 4, 22, 23 1.8, p. 48: 34-37 p. 128: 4
Quiz 2.1-2.2		Score: ____ Poss. ____	What do I need help with?		
3	2.3	Scale Drawings	a. I know how to read and use a scale in a drawing. b. I can use a scale drawing to determine actual dimensions. c. I can use the actual dimensions to create an appropriate scale drawing.		2.3, p. 96: 4, 5, 6, 8, 9, 11, 12, 14, 15, 18 2.2, p. 92: 7, 8, 17-20 2.1, p. 87: 21, 22 Lab, Toy Cars
4	2.4	Perimeter and Area Formulas for Polygons and Circles	a. I understand that perimeter or circumference measures the distance around the outside of an object. b. I understand that area measures the number of square units that fit inside an object. c. I can use the formulas for finding perimeter and area of polygons and circles.		2.4, p. 104: 1, 3, 6-9, 12-15, 18-21, 26, 27 2.3, p. 96: 7, 10, 13, 16, 17 2.2, p. 92: 7, 14, 15 p. 128: 3a, 3b
Quiz 2.3-2.4		Score: ____ Poss. ____	What do I need help with?		
5	2.5	Surface Area and	a. I understand what surface area and volume are.		2.5, p. 111: 2-4, 6-9, 13 a (hint:

		Volume	b. I can calculate the surface area and volumes of rectangular solids, cylinders, spheres, and combinations of these 3-D shapes.		break up the tank into a cylinder and two half spheres) 2.4, p. 104: 1, 10, 11, 16, 17, 22, 28 2.3, p. 96: 4, 19, 20 2.2, p. 92: 25
Quiz 2.5		Score: ____ Poss. ____	What do I need help with?		
6	Review				p. 134: 1-14 p. 137: 1-8, 9, 10
7	Test 2	Score: ____	What do I need help with?		