



Unit 9—Vectors, Polar Equations, Parametric Equations, Complex Numbers

Name _____ Date _____ Period _____

Learning Target	Assessment	M.L. 4	M.L. 3	M.L. 2	M.L. 1
1. I can convert from polar coordinates to rectangular and rectangular to polar.	9.1, 9.3, quizzes, reviews, test				
2. I can translate equations from polar form to rectangular form and from rectangular to polar.	9.1, 9.2, 9.3, quizzes, reviews, test				
3. I can eliminate the parameter of a parametric equation.	9.2, 9.3, quizzes, reviews, test, project				
4. I can graph parametric and polar equations.	9.2, quizzes, reviews, test, project				
5. I can perform arithmetic operations on complex numbers.	9.4 WS, quizzes, reviews, test				
6. I can convert complex numbers from standard form (a + bi) to trig. form and from trig. form to standard form.	9.4, 9.5, 9.6, quizzes, reviews, test				
7. I can find the product and quotient of complex numbers in trig. form.	9.4, quizzes, reviews, test				
8. I can find the magnitude of a vector.	9.5, 9.6, quizzes, reviews, test				
9. I can find the direction angle of a vector.	9.5, 9.6, quizzes, reviews, test				
10. I can write a vector in component form.	9.5, 9.6, quizzes, reviews, test				
11. I can find the angle between two vectors.	9.5, 9.6, quizzes, reviews, test				
12. I can perform algebraic operations with vectors.	9.5, 9.6, quizzes, reviews, test				
13. I can use applications of vectors to solve real world problems	9.6, quizzes, reviews, test				

Mastery Level 4 = I've got this - I can teach this to others. **Mastery Level 3** = I understand - I can do this by myself.
Mastery Level 2 = I mostly get it - I can do this with help. **Mastery Level 1** = I don't understand - I cannot do this yet.

