Unit 3 Targ	et 5 Remediation
1. Factor completely: $x^3 - 125$	2. Solve by factoring: $x^4 - 29x^2 + 100 = 0$ a5, -2, 2i, 5i
	b. 2, 5, 2i, 5i
	c25, -4, 4, 25
	d5, -2, 2, 5
<u>SOLVE</u> each polynomial over the set of complex numbers solutions must be in simplified form (no rounded decimals	
3. $3x^3 = 24$	
Factored Form:	_
Solutions:	-
$4. \ 5x^4 - 80x^2 = 0$	
Factored Form:	_
Solutions:	_
$5. \ 3x^3 + 2x^2 - 12x = 8$	
Factored Form:	_
Solutions:	_

Name_____Algebra 2 & Trig