## 12-4 Solving Some Quadratics by Factoring

## Warm-Up

Factor

1. 
$$5x^{3} - 20x^{2} + 20x$$

$$5x(x^{2} - 4x + 4)$$

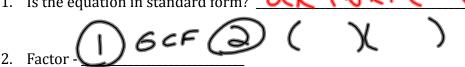
$$5x(x - 2)(x - 2)$$

Algebra 12-4 Solving Some Quadratics by Factoring

Word	Definition	Example	
Zero Product Property	zero timesany# gives zero.	X - N -	= 0 - u = 0
	<b>→</b>		)

How to Use the Zero Product Property to Solve Quadratics

1. Is the equation in standard form?



1. Set each factor equal to \_\_\_\_ and solve.

