Friday Homework

1. Find the Vertex
	1. $y=x^{2}-2x-5$
	2. $y=-2x^{2}-4x+6$
2. Does the parabola open up or down?
	1. $y=5x^{2}-2x+3$
	2. $y=2x-x^{2}+2$
3. Solve by graphing
	1. $0=x^{2}-4$
4. Solve by factoring. State the number of solutions
	1. $0=x^{2}+6x+8$
	2. $0=x^{2}+16x+64$
	3. $0=2x^{2}+7x+3$