**You must SHOW ALL WORK to receive full credit.**

**Solve by Factoring:**

1. $x^{2}+x-30=0$ 2. $6x^{2}-17x=-5$

**Use the Quadratic Formula** $x=\frac{-b\pm \sqrt{b^{2}-4ac}}{2a}$ **to solve for x. Round answers to the nearest hundredth if necessary.**

3. $a=2,b=3, and c=-1$ 4. $a=9,b=12,and c=4$

5. $x^{2}+5x+6=0$ a = \_\_\_\_, b = \_\_\_\_\_, c = \_\_\_\_\_