**Solving Quadratic Equations Quiz Review #2**

Solve each of the following quadratic equations. Round to the nearest hundredth when necessary.

**Solve each by FACTORING**

1) $q^{2}+4q-77=0$ 2) $p^{2}+p-132=0$

3) $k^{2}-5k=66$ 4) $5k^{2}+15k-200=0$

**Solve each by taking the SQUARE ROOT**

5) $2p^{2}+3=35$ 6) $k^{2}-9=-6$

7) $x^{2}+5=-43$ 8) $(x-3)^{2}+4=20$

**Solve each by COMPETING THE SQUARE**

9) $d^{2}-5d =24$ 10) $q^{2}-7q-18=0$

11) $q^{2}-4q-40=20$ 12) $x^{2}+3x-40=0$

**Solve using the QUADRATIC FORMULA**  $x=\frac{-b\pm \sqrt{b^{2}-4ac}}{2a}$

13) $x^{2}+9x-10=0$ 14) $-7=x^{2}-8x$

15) $x^{2}+2s-25=38$ 16) $10x^{2}+6x=72$