Directions: Circle the appropriate factoring method and then solve

 the equations for all values of *x*.

1) $x^{2}+3x=10$ GCF DOTS TRI GROUP TRICKY

*x* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) $x^{2}-64=0$ GCF DOTS TRI GROUP TRICKY

*x* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) 2*x*3$ + x^{2}-2x=1$ GCF DOTS TRI GROUP TRICKY

*x* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) $3x^{2}-9x=0$ GCF DOTS TRI GROUP TRICKY

*x* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5) $3x^{2}-5x=2$ GCF DOTS TRI GROUP TRICKY

*x* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_