Name __________________________  Advanced Equations Practice Quiz

Solve each equation.

1. \(|-6m| = 30\)  
2. \(|-4+5x| = 16\)  
3. \(\left| \frac{n}{3} \right| = 2\)

4. \(|-2r-1| = 11\)  
5. \(\left| 5x+5 \right| = 45\)  
6. \(3\left| -8x \right| + 8 = 80\)

7. \(-5\left| 3+4k \right| = -115\)  
8. \(3-\left| 8x-6 \right| = 3\)

Solve each system of equations by substitution or elimination.

9. \(y = 5x - 2\)  
   \(-3x + 6y = -12\)  

10. \(y = x + 3\)  
    \(-3x + 3y = 4\)  
    \(-5x - y = 21\)