PreCalculus   Name_____
Cramer's Rule

Solve each system of equations by using Cramer's Rule.

1. $4x - 3y = -6$
   $x + 2y = -7$

2. $5x + 6y = 1$
   $-2x - y = -6$

3. $2w - 5z = 13$
   $6w + 3z = 10$

4. $m + 3p = -6$
   $2m - 5p = 7$

5. $2x - 4y = 1$
   $-x + 2y = 5$

6. $3c + 9d = 2$
   $c + 3d = \dfrac{2}{3}$

7. $2x - 5y + z = 5$
   $3x + 2y - z = 17$
   $4x - 3y + 2z = 17$
   (Find the value of x)

8. $p + 4r = -7$ (Remember 0's)
   $p - 3q = -8$
   $q + r = 1$
   (Find the value of q)