**2.4 Writing Equations of Lines**

**Each of the following problems contains a mistake. Find the mistake, correct it and get the right answer.**

1. Write an equation of the line that passes through (3, 4) and (-2, -1)

2. Write an equation of the line that passes through (-2, -6) and (4, -6)

3. Write the equation of the line that passes through (-5, 7) and (-5, 3)

4. Write an equation of the line that passes through (3, 2) and is perpendicular to the
 line y = 3x + 2