# 6.4 – WRITING THE EQUATION OF A LINE

Write an equation of a line in slope-intercept form of each line described.

Slope-intercept Form: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. slope and y-intercept of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. slope , and y - intercept of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. slope and y-intercept \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write an equation of a line in point-slope form of each line described.

Point-slope Form: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. slope and x-intercept of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. slope and through the point \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. slope and through the point \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. slope and through the point \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_