

Assignment:

Write the equation of the line that passes through the two points. You can use whatever point you want. For the even numbers, write the answer in slope-intercept form. For the odd numbers, write the answer in point-slope form.

Point-Slope Form

1. (0, 3) and (2, -1)

$$y - y_1 = m(x - x_1)$$

Slope-Intercept Form

2. (-3, 4) and (3, -4)

- ① slope
- ② put in $y - y_1 = m(x - x_1)$
- ③ distribute + move over
- ④ $y = mx + b$

3. (-2, 4) and (4, 2)

4. (-3, -1) and (-4, 1)

5. (3, 0) and (-2, 5)

6. (2, 4) and (0, -2)