

CALCULUS – Worksheet #2

For 1 – 5 find the **equation of the line** containing the two given points:

1. (1, 1), (2, 1) 2. (- 2, 1), (2, - 2) 3. (1, 3), (3, 1) 4. (0, 0), (1, 0) 5. (2, - 1), (- 2, 3)

For 6 – 9 find the slope and both intercepts of the line and graph:

6. $2y = 3x + 5$ 7. $2x - y = 4$ 8. $3x + 4y = 12$ 9. $x = 2y - 5$

10. Find the line that passes through (1, 2) and is parallel to the line: $x + 2y = 3$.

11. Find the line l through the point (- 2, 2) and perpendicular to the line: $2x + y = 4$