Writing Linear Equations given 2 Points – Day 2

Unit 3: Introduction to Functions

Write the slope-intercept form of the equation of the line through the given points:

1. $through: (-4, 4)$ and $(3, -4)$	2. $through: (3, -3)$ and $(2, 3)$
3. $through: (0, 2)$ and $(-3, 3)$	4. $through: (0, -4)$ and $(-1, -2)$
5. $through: (2, -3)$ and $(4, -4)$	6. $through: (-5, -3)$ and $(5, -2)$
7. $through: (1, 0)$ and $(0, 4)$	8. $through: (1, 2)$ and $(1, 3)$
9. $through: (-1, -1)$ and $(-3, -3)$	10. $through: (3, 4)$ and $(-3, -5)$

Write the point-slope form of the equation of the line through the given points:

11. $through: (\,3,4\,)\ and\ (\,4,3\,)$	12. $through: (\,2,-1\,)\ and\ (\,1,-3\,)$
13. $through: (\,5,-1\,)\ and\ (\,0,-2\,)$	14. $through: (-3,-2\,)\ and\ (\,0,-5\,)$
15. $through: (-3,5\,)\ and\ (\,0,4\,)$	16. $through: (-2,3\,)\ and\ (\,1,3\,)$
17. $through: (\,0,-5\,)\ and\ (\,4,-4\,)$	18. $through: (\,3,-2\,)\ and\ (\,3,-5\,)$
19. $through: (-2,1\,)\ and\ (\,-3,2\,)$	20. $through: (\,1,2\,)\ and\ (\,4,-2\,)$