

#1-4, Can you simplify an expression?

1. $5w - 9 + w - 1 + 4x$

2. $7(w+3x)+5(6w+2x^2)$

3. $2(-7a-b)-3(9b-11a)$

4. $\frac{1}{3}(18z-30x)-15z$

#5-10, Can you solve an equation for w?

5. $\frac{w}{4} + 7 = -5$

6. $-3w - 5 + 8w = 10 + w$

7. $\frac{5w-1}{3} = 12$

8. $2L - 5w = A + 3$

9. $\frac{2}{3}w = 5$

10. $4w - 3 - (4 - w) = 3(w+3)$

#11-13, Can you solve a system?

11. $4x + 3y = 8$

$x - 2y = 13$

12. $5z + 6y = 14$

$3z + 5y = 7$

13. $2x = 118 - 3y$

$5x - y = 71$

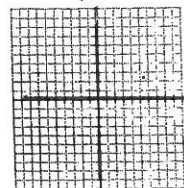
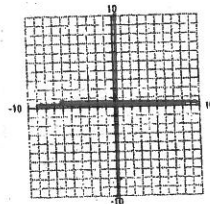
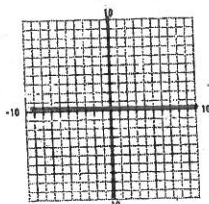
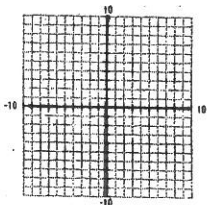
#14-17, Can you graph a line?

14. $y = 2x - 1$

15. $3x - 2y = -10$

16. $x = -7$

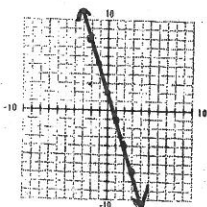
17. $-3(5-x) = -y$



#18-21, Can you calculate slope?

18: Formula to find slope:

19.



20. Between (3,4) and (5,10)

21. Between (-3,5) & (1,7)

22. Write the equation of the line that has a slope of $\frac{2}{3}$ and goes through the point (9,-1)

23. Write the equation of the line that goes through the points (120,-30) and (3,10)