

NTI Day 4: Literal Equations

Date _____ Period _____

Solve each equation for the indicated variable. Show all of your work for credit. Please Circle your answer.

1) $u = \frac{k}{a}$, for a

2) $z = x - m$, for x

3) $g = c - x$, for x

4) $g = \frac{y}{xc}$, for x

5) $\frac{m}{a} = p - n$, for a

6) $ma = np$, for a

7) $2a - 2 = -2d + 4r$, for a

8) $15a = -2p - 4n$, for a

9) $z = -2b + a - 3$, for a

10) $z = 3y + 10x$, for x

Solve for y in each. Place all answers in $y=mx+b$ form. Show all of your work for credit. Please Circle your answer.

11) $x - 4y = 12$

12) $x - y = 5$

13) $6x + 5y = -20$

14) $6x - 7y = 28$

15) $3x + y = -5$

16) $3x - 4y = 0$

17) $11x - 3y = 12$

18) $5x + 6y = 6$

19) $5x - 3y = 24$

20) $7x - 3y = 9$