Name:	 	_
Date:	 Period:	

Classwork: Solve each equation or formula for the variable specified.

1.
$$-3x + b = 6x$$
, for x.

2.
$$\frac{y+a}{3} = c$$
, for y.

3. v = 4 + at, for a.

4. I = prt, for r.

5. 4x + b = 2x + c, for x.

6. 4b - 5 = -t, for b.

7.
$$c = \frac{3}{4}y + b$$
, for y.

8. $\frac{5x+y}{a} = 2$, for a.

9. 3x - 4y = 7, for y.

10. $H = (0.24)I^2Rt$, for R.

Worksheet Literal Equations and Solving Equations	Name: Date: Period:
1. 8m + 3 = 5m + 15	2. $\frac{2}{3}t - 7 = 5 - \frac{2}{3}t$
3. $\frac{3}{4}x + \frac{1}{2} = \frac{1}{3}x - \frac{1}{4}$	4. $4(x+3) - 5 = 7(x-1) + 9$
5. $7 + 2(x + 1) = 2x + 9$	6. $2(4x - 3) - 8 = 4 + 2x$
-3(4x+3) + 4(6x+1) = 437.	$\frac{7}{b+5} = \frac{10}{5}$ 8.
$\frac{5}{r-9} = \frac{8}{r+5}$ 9.	$\frac{x-3}{x} = \frac{9}{10}$ 10.