

## Solving Algebraic Equations

**Do not show your work on this worksheet. Transfer these problems to the SOLVING EQUATIONS ACTION BANK paper distributed in class. SHOW ALL WORK STEP-BY-STEP on that paper. JUSTIFY EACH STEP as we did in class.**

1)  $24 = 2x$

2)  $3 = \frac{m}{4}$

3)  $b - 15 = -21$

4)  $n + 8 = 9$

5)  $-1 = -18 + n$

6)  $\frac{b}{19} = 4$

7)  $32 = 16r$

8)  $22 = n + 9$

9)  $3x - 7 = 29$

10)  $-4p - 11 = -23$

11)  $6 + 7x = -43$

12)  $15 = 3(y - 7)$

13)  $8x - 8 = -56$

14)  $-42 = -6(n - 2)$

15)  $21 = 10 - r$

16)  $\frac{-6 + n}{4} = 1$