

SEQ Pre-Test

Date _____ Algebra _____

1) DIRECTIONS:

Solve as many equations as you can on this pretest. You MUST SHOW YOUR WORK. if you do not show all your work you will not get the question correct. Try your best. If you do not know how to do a type of problem you can stop working.

Level 1 : Solve each equation.

2) $-4 = x - 3$

3) $n - 9 = 1$

Level 2 : Solve each equation.

4) $4 = -2r$

5) $\frac{n}{3} = 2$

Level 3: Solve each equation.

6) $37 = -3 + 5n$

7) $2 = 2x - 2$

Level 4: Solve each equation.

8) $22 = -4a - 7a$

9) $22 = 8 + 8n + 6n$

Level 5: Solve each equation.

10) $1 = \frac{b}{3} - 1$

11) $-10 = \frac{p}{2} - 4$

Level 6: Solve each equation.

12) $\frac{p+2}{4} = -4$

13) $\frac{x+4}{2} = -8$

Level 7: Solve each equation.

14) $4(7+x) = -16$

15) $10(3+x) = 90$

Level 8: Solve each equation.

16) $-8v + v = 4 - 8v$

17) $1 + 6x + 1 = 8 + 7x$