Name_____ Pd_____ Date_____ **1.C Quiz Study Guide**
Turn this Study Guide in on the day of your quiz in order to earn +5 on your quiz grade.
Solve for the variable. Box your answer. SHOW ALL WORK.

1) $-2 = x + 4$ 2) $b - (-2) = 8$ 3) $-5 + k = -11$ 4) $7 = x - (-1)$

5) $-2x = 10$ 6) $\frac{h}{2} = -6$ 7) $-30 = -6x$ 8) $-9 = \frac{k}{3}$

9) $\frac{3}{2}b = 9$ 10) $8 = -\frac{4}{5}n$ 11) $2x - 5 = 21$ 12) $9x + 1 = -8$

13) $\frac{c}{5} + 3 = -4$ 14) $6 = \frac{y}{3} - 1$ 15) $5x - 3(1 - 2x) = 19$

16) $2(8x - 1) - 20x = 10$ 17) $\frac{4}{7}x - \frac{2}{7} = 2$ 18) $5 = \frac{3}{8}x + \frac{7}{8}$

For each word problem, define the variable first. Then write and solve an equation.

19) If Edward earns $12 more, he'll have $47. How much did he originally have?

20) Allen has some money. After he pays $25 for his new dog, he will have $65. How much money did he have originally?

21) Mary's mom makes 4 times as much per hour as she does. If Mary's mom makes $56 per hour, how much per hour does Mary make?

22) Ann starts her day with $20. She earns $8 per hour at his job. At the end of the day, she has $84. How many hours did she work?

23) A County Fair charges $2 per ride and $10 for parking. Five friends split the cost. They each pay $6. How many ride they can ride when they go to the County Fair?