


Math 6 - Unit 4: Equations and Inequalities

Name: _____

Mini Post Test Study Guide

Class Period: 1 2 3 4 Date: _____

Solve the following problems and record your answers on the given line. You must show all work required to get credit!

1) Solve and check: $m + 1.8 = 7.3$ ANSWER: _____	2) Solve and check: $20z = 1240$ ANSWER: _____																								
3) Solve and check: $\frac{w}{16} = 5$ ANSWER: _____	4) Solve and check: $35 = x - 11$ ANSWER: _____																								
5) Is $x = 12$ a solution to the equation, $3x = 45$? ANSWER: _____	6) What inequality is graphed on the number line?  ANSWER: _____																								
7) Which of the following is NOT a solution to the inequality $8 \geq x$? A. 8 B. 7 C. 10 D. 6 ANSWER: _____	8) Together, Malik and Sofia have 14 Jolly Ranchers. Malik has 6 Jolly Ranchers. How many Jolly Ranchers does the Sofia have? a) Write an equation to represent the situation. _____ b) Solve for how many JR Sofia has. _____																								
9) Which table satisfies the equation $y = x + 7$? ANSWER: _____																									
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10) The equation $c = \$3.75p$ represents the cost, c , of p pounds of bananas. If Mrs. Ledesma bought 6 pounds of bananas, how much did she spend? ANSWER: _____																									

