Unit 4 test tomorrow!!		
GSE Algebra 1	Unit 4 Test Review	Name:
Distributive PC Subtraction 3 Division PC	n. Be sure fustify ach step as you do it. $ \begin{array}{c} (x-3) = -27 \\ -3 \times + 9 = -27 \\ -3 \times -9 \end{array} $	36
2) $-3x - 22 \le 20$ +22 + 22 $-3 \times 4 = 42$ $-3 \times 4 = 42$ $-3 \times 4 = 42$ $-3 \times 4 = 42$ $-3 \times 4 = 42$	$\frac{3) 4(x+3) > -12}{4 \times -12} = \frac{4(x+3) > -12}{4 \times -24}$	$4)^{\frac{-2x}{7}} - 0 \le 6$ $+1 + 12$ $+12 + 12$ $-12 \le 8.7$ $-12 \le \frac{50}{-2}$ $-28 \times 2 - 28$
Solve the following equations for the following equations	6) Solve for b: $a - b + c = \frac{a}{4}$	4(2x-7y) = 2(3x+13y) $8x-2xy = 6x+26y + 28y + 28y + 28y + 28y + 28y + 46y +$
the race when he hits lap 300. 8) What would be the inequal 9) Given the following inequal		Ill drive is 175 miles per hour. He will finish 2X = 54 U 54 BW -> Last Lap

Amelia went on a road trip with some friends. She recorded the following information on the way to their destination:

- The trip took 3 hours
- The car they took gets 30 miles per gallon. - 5 gallons of gas were used

speed

- Her average speed was 50 miles per hour.
- The price of gas was \$3.00 per gallon
- 10) How far away was their destination? (show your work)



11) Are the following the same (equivalent)?









