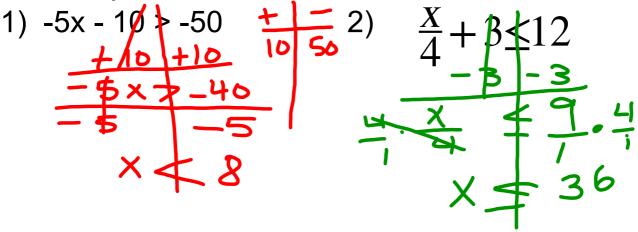
you need out your warm up & agenda Homework: Word Problems. TEST FRIDAY!!!!

Warm Up:





Circle important numbers & underline the question

You have \$60 You want to buy a pair of shoes that cost \$35. With the rest of the money you will buy socks for \$5 each. Let s represent the number of socks you can buy. Write an equation to represent the number of socks you can purchase.

Jada's new cable service charges an installation fee of \$50. Then, her bill will be \$85.27 each month. Including the installation fee, how many months of cable can she receive for \$646.89?

$$85.27x + 5.0 + 50.89$$

$$-50 - 50.00$$

$$85.27x + 596.89$$

$$85.27$$

$$85.27$$

$$x = 7$$

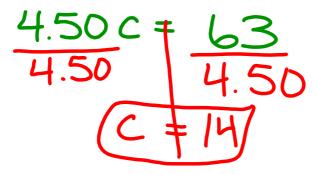
Blake paid an electrician x dollars per hour for a 5-hour ob plus \$75 for parts. The total charge was \$450. Write an equation to determine how much the electrician charged per hour.

Darryl went shopping for office supplies. He was asked to spend less than \$55. He spen \$44.50 on coffee, paper, and binder clips. He also bought some notepads at \$1.50 each. For Darryl to stay within the budget, how many notepads can he buy?

$$\frac{1.50 \times + 44.50}{-44.50} + \frac{14.50}{-44.50}$$

$$\frac{1.50 \times 410.50}{1.50} = \frac{1.505}{1.505}$$

Last week Aldin earned \$4.50 for every car he washed. He washed cars over the weekend and now has \$63. Write an equation to show how many cars, *c* he washed.



Spends on a poster

Caitlin base \$10 gift certificate to the music store. She has chosen a number of CDs from the \$7 bargain bin. If the total cost of the case is \$32, write the equation to show how many CDs Caitlin can buy without spending more than her gift continuate.

$$7x + 10 + 32$$

 $-x0 + 32$
 $7x + 22$
 $7x + 33$
 $x = 3$

Ricky lost Mrs. Sangster's football. He buys her a new one for \$5 He also wanted to buy some candy. The candy costs \$1.50. He has \$40 How much candy can he buy without spending more than \$40? Write an inequality.

Equation/Inequality Word Problems

- 1) Louis's new cable service charges an installation fee of \$45. Then, his bill will be \$90.25 a month. Including the installation fee, how many months of cable can he receive for \$315.75?
- 2) You have at least \$60 to spend on school supplies. You want to buy a book bag that costs \$35, and notebooks that cost \$3.50 each. To stay in his budget, how many notebooks can he buy?
- 3) Yesterday you earned \$5.50 for every dog you walked. If you earned \$45.40 total, write the equation to determine how many dogs you walked.
- 4) You have \$70. You buy a sweatshirt that costs \$40. With the rest of the money you want to buy socks that cost \$6 each. Write an equation to represent s how many socks you can buy. Solve!

Sit Silently for the news