

Bellwork Monday, November 10, 2014

For 1 to 3, write an equation to model each situation. Define your variables.

Algebra 1

EQ:

W= # WEEKS c) In how many weeks will you have 2 songs? b) How many songs will you have in 12 weeks?

T=75+4(12) = /23 songs

283 = 75+4W

2. A group of people went to a ballgame. Nachos cost \$5.25 each and Cokes cost \$3.50 each. The total amount spent was \$84.

N= # Nachos 5.25N + 3,50C = 84

b) If only nachos were purchased, how many could they have bought?

84 = 5,25N + 350(0) N= 16 NACHOS

c) If only Cokes were purchased, how many could they have bought?

84=5.25(0) +3.50 C C=24 Cokes

EQ: 3. You get paid \$8.25 per hour. P=TOTAL PAY N=# Hrs

4. What situation could be modeled by this equation? y = 12x + 20