S.M.ART School MAB2 Group due 11-30-2022

W1   Mary has $32 on her bank account. She wants to buy 5 yards of gingham for a dress. It costs 6 dollars for a yard. Does she have enough money in the bank?

W2   Some girls are going to have a candy sale. They were given a 20-pound pail of mixed candy. They think they can sell it in ½ - pound lots at 50 cents for a lot. How much money will they raise in this case?

Divide

Do division by breaking down dividend in parts such that at least biggest part is being easily divided.

B1   296 / 4 =

B2   512 / 8 =

B3   1,024 / 16 =

B4   1056 / 11

B5   1056 / 33

W3   The sum of five consecutive odd integers is 15
      What is the smallest of the five numbers?

G1
      Jacky wants to insert the number 3 somewhere between the digits of
      the number 2014, to make a five-digit number that is as small as
      possible. Where should Jacky insert the number 3?

G2
      Jacky wants to insert the number 5 somewhere between the digits of
      sthe number 17692, to make a six-digit number that is as small as
      possible. Where should Jacky insert the number 5?

A1 How much snow will fall in 8 hours if it falls at a rate of 2/3 feet per 6 minutes?

A2 How much snow will fall in N hours if it falls at a rate of 2/3. feet per 6 minutes?

Multiply fractions

M1 39/51 * 102/78

M2 255 / 102 * 34/125

Solve equations

E1 3*x/5 = -5/4

E2 3/(x*5) = -5/4