ANSWERS

A) _____

B) _____

C) (_____ , _____ , _____)

A) Solve for x in terms of a, b, c, and d. $a + b - c \div d \cdot x = 1$
Express your answer as a <u>single</u> simplified fraction using a <u>minimum</u> number of minus signs.

B) Find <u>all</u> possible positive values of n for which $\dfrac{1 + 2 + 3 + ... + n}{n} = 2012$.

C) A collection of exclusively dimes and quarters is worth \$49.75 .
There is <u>at least one</u> of each type of coin.
The <u>total number</u> of coins in the collection can take on n different values.
The <u>minimum</u> possible number of coins is m and the <u>maximum</u> possible number of coins is M.
Determine the ordered triple, (n, m, M).