

Ten steps. Each answer becomes the number you use in the next step. Every answer is a positive integer.

Name _____

Student ID # _____

A. $102 - 26 + (5 \times 4)$

A = _____

B. A shop sold A, 90, 106, and 108 bottles of water on four days. What was the mean number of bottles sold per day?

B = _____

C. $178 - B$

C = _____

D. A machine fills C bottles in 6 minutes at a steady rate. How many bottles does it fill each minute?

D = _____

E. $D \times 3$

E = _____

F. $(E + 16) / 5$

F = _____

G. $F + 4 + 5$

G = _____

H. Greatest common factor of G and 50

H = _____

I. $H \times 4$

I = _____

J. $I \times 0.8 + 4$

J = _____

THE CLUE

The number of inches in a yard.

Your answer to J should match the Clue. If the two dovetail, your work is sound.