Name _____ Period _____ Date _____

DOVETAILS

DT 07.045

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

A. 0.25 × 40	A =
B. A rectangular prism has a base area of **A** square centimeters and a height of 3 centimeters. Find its volume in cubic centimeters.	B =
C. A spinner lands on red once in every **B** spins on average. In 240 spins, how many reds would you expect?	C =
D. **C** increased by 50%	D =
E. **D** × **D**	E =
F. A runner covers **E** meters in $\frac{1}{2}$ of a minute. How many meters is that each minute?	F =
G. (**F** + 16) ÷ 2	G =
H. Solve for x: 2x + 18 = **G**	H =
I. **H** + 7 + 5 + 13	I =
J. **I** × (−3) / (−6)	J =
THE CLUE Number of chromosomes in a human body cell. *Your answer to J should match the Clue. If the two dovetail, your work is sound.*	Answer =