Name _____ Period _____ Date _____

DOVETAILS

DT 08.045

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

A. 70 ÷ 5	A =
B. A^4 / A^2	B =
C. **B** + 33 + 5 + 22 + 40	C =
D. The slope (rise over run) of the line through (0, 0) and (2, **C**)	D =
E. (**D** + 20) ÷ 3	E =
F. **E** + (−24) + 4	F =
G. 222 − **F**	G =
H. A sorter counts **G** envelopes in 6 minutes at a steady rate. How many does it count each minute?	H =
I. 3(**H** + 20)	I =
J. **I** + 1,650	J =
THE CLUE Year of the Louisiana Purchase. *Your answer to J should match the Clue. If the two dovetail, your work is sound.*	Answer =