Name _____ Period _____ Date _____

DOVETAILS

DT 05.045

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

A. 490 ÷ 5	A =
B. Pattern X starts at 0 and adds 2. Pattern Y starts at 0 and adds 4. When X is **A**, what is Y?	B =
C. What digit is in the tens place of **B**?	C =
D. **C** × **C**	D =
E. **D** − 13	E =
F. Divide **E** by 10, then round to the nearest whole number.	F =
G. **F** × 4	G =
H. **G** + XIV	H =
I. The first multiple of 3 that is greater than **H**	I =
J. 3 × (**I** − 12)	J =
THE CLUE Normal human body temperature in degrees Fahrenheit, rounded to the nearest whole degree. *Your answer to J should match the Clue. If the two dovetail, your work is sound.*	Answer =