

$246/49$

143.

$a \leftarrow 28$

$a! \Rightarrow 304888344611713860501504000000$

Here is a matrix:

$$M \leftarrow \begin{pmatrix} -1 & 103 & 6 \\ 6 & 5 & 8 \\ 0 & 2 & 1 \end{pmatrix}$$

Here is its inverse:

$$1/M \Rightarrow \begin{pmatrix} 11/415 & 71/415 & -744/415 \\ 6/415 & 1/415 & -104/415 \\ -12/415 & -2/415 & 623/415 \end{pmatrix}$$

Here is an idea: $\int_0^\pi e^{-x^2} dx$, why not try that?