Main equations

\[ a = \frac{N}{A} \]  \hspace{1cm} (1)

The equation \( \sigma = ma \) follows easily.

Nomenclature

\( \sigma \)  The total mass of angels per unit area  \hspace{.5cm} \text{kg m}^{-2} \\
\( A \)  The area of the needle point  \hspace{.5cm} \text{m}^2 \\
\( a \)  The number of angels per unit area  \hspace{.5cm} \text{m}^{-2} \\
\( m \)  The mass of one angel  \hspace{.5cm} \text{kg} \\
\( N \)  The number of angels per needle point