Article with lots of equations

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You can also do an inline equation of $(a+b)^2 = a^2 + b^2 + 2ab$.

Another inline equation is the Euler's equation: $e^{i\pi} = -1$. This beautiful equation connects three major constants of mathematics, Euler's Number e, the ratio of the circumference of a circle to its diameter, pi, and the square root of -1, i.e., i.

The Schrödinger's eq. (1). Also the one with multiple equations and a single number is eq. (4).

$$i\hbar \frac{\partial}{\partial t} \Psi(r,t) = \left[\frac{-\hbar^2}{2\mu} \nabla^2 + V(r,t) \right] \Psi(r,t) \tag{1}$$

$$E^2 = (pc)^2 + (m_0 c^2)^2$$

$$
\begin{aligned}
y &= ax + b \\
y + 1 &= ax + (b+1) \tag{2} \\
&= ax + (b+2) - 1 \tag{3}
\end{aligned}
$$

$$
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y &= ax + b \\
y + 1 &= ax + (b+1) \\
&= ax + (b+2) - 1
\end{aligned} \tag{4}
$$

$$
\begin{aligned}
y &= ax + b \\
y + 1 &= ax + (b+1) \tag{5} \\
&= ax + (b+2) - 1 \tag{6}
\end{aligned}
$$