Derivative of $y$ with Respect to $x$ Samples with SimBraille

1. The derivative of $y$ with respect to $x$ which is represented by open fraction $\frac{dy}{dx}$ close fraction is written

$$\frac{dy}{dx}$$

2. Open fraction $\frac{dy}{dx}$ close fraction equals two $x$ plus four is written

$$\frac{dy}{dx} = 2x + 4$$

3. The second derivative of $y$ with respect to $x$ which is represented by open fraction $\frac{d^2y}{dx^2}$ close fraction is written

$$\frac{d^2y}{dx^2}$$
4. The nth derivative of \( y \) with respect to \( x \) which is represented by open fraction \( d \) to the nth power \( y \) over \( dx \) to the nth power close fraction is written

\[
\frac{d^n y}{dx^n}
\]