Derivative of y with Respect to x Examples with SimBraille

1. The derivative of y with respect to x which is represented by open fraction dy over dx close fraction is written

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

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2. Open fraction dy over dx close fraction equals two x plus four is written

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

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3. The second derivative of y with respect to x which is represented by open fraction d squared y over dx squared close fraction is written

$$\frac{d^2y}{dx^2}$$

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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

$$\frac{d^n y}{dx^n}$$

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