$$dx/dy$$

$$\frac{dy}{dx}=\frac{1}{\left(\frac{dx}{dy}\right)}$$

Sometimes we might have $x$ in terms of $y$, but we want to find $\frac{dy}{dx}$.

1. **Find** $\frac{dy}{dx}$ **when** $x=2y^{2}+y$
2. **Find the gradient of** $x=\left(1+2y\right)^{3}$ **when** $y=1$

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