(33) $y = e^{\cos^{-1} x}$

$$\frac{dy}{dx} = e^{\cos^{-1} x} \cdot -\frac{1}{\sqrt{1-x^2}}$$

(26) $y = x \tan^{-1} x$

$$\frac{dy}{dx} = \frac{x}{x^2+1} + \tan^{-1} x$$

$$\frac{d}{dx} b^x = b^x (\ln b)$$

$$\frac{d}{dx} b^{u(x)} = b^u \cdot \ln b \cdot \frac{du}{dx}$$