



عَرَفُوا رَحْمَتَهُ

[illegible]

1. $\frac{1}{x^2} = x^{-2}$
2. $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$
3. $\frac{d}{dx} \frac{1}{x^3} = \frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$
4. $\frac{d}{dx} \frac{1}{x^4} = \frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$
5. $\frac{d}{dx} \frac{1}{x^5} = \frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$
6. $\frac{d}{dx} \frac{1}{x^6} = \frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$

[illegible]