

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

11. $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$
12. $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$
13. $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$
14. $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$
15. $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$