

$$\frac{1}{x^2} = x^{-2} \Rightarrow \frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$$

2. a) $\frac{d}{dx} \ln(x^2) = \frac{1}{x^2} \cdot 2x = \frac{2}{x}$

b) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

c) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

d) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

e) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

3. a) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

b) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

4. a) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

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d) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

e) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

f) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

g) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

h) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

i) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

j) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

k) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

l) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

m) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

n) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

o) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

p) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

q) $\frac{d}{dx} \ln(x^2) = \frac{2}{x}$

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Qualification Regulations

1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3