

- [illegible]

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

[illegible]

5. $\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt}$

[illegible]

(۴) $\frac{1}{x} \frac{d}{dx} \left(x^2 \frac{dy}{dx} \right) = 2x \frac{dy}{dx} + x^2 \frac{d^2y}{dx^2}$

6. رَسُوْرَ لَهْوَى مَوْتَجِ بَحْثٍ اِسْمٰى اَرْبَعٌ مَوْجِدَاتُ ارَبُوْ حَرَمِي سِرْعَتُ خُرْمُو وَنَشْرِ صَدَايَ لَا بِرَحْمَةٍ

[illegible][illegible][illegible]

(8) 30 10 5 5 15 10 30

(9) 30 10 5 5 15 10 30

30	10	5	5	15	10	30
5	10	5	5	15	10	30
5	10	5	5	15	10	30
5	10	5	5	15	10	30
15	10	5	5	15	10	30
10	10	5	5	15	10	30
30	10	5	5	15	10	30

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