

5. $\frac{1}{2} \times \frac{3}{4} = \frac{1 \times 3}{2 \times 4} = \frac{3}{8}$

[illegible]

اسم صریح و صریح / واضح و صریح.

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

ii. دَوْرُ الْحَجِّ وَالْحُدُودِ

[illegible][illegible][illegible]

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

[illegible]

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7. $\frac{d}{dt} \left(\frac{1}{\sqrt{1-v^2/c^2}} \right) = \frac{dv/dt}{c^2 \sqrt{1-v^2/c^2}}$

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