

[illegible][illegible][illegible][illegible]

[illegible]

(۵) $\frac{1}{2} \frac{d^2 x}{dt^2} = -\frac{1}{2} \frac{d^2 y}{dt^2}$ $\frac{1}{2} \frac{d^2 x}{dt^2} = -\frac{1}{2} \frac{d^2 y}{dt^2}$ $\frac{1}{2} \frac{d^2 x}{dt^2} = -\frac{1}{2} \frac{d^2 y}{dt^2}$

[illegible]

(۲) $\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3}$ $\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3}$ $\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3}$

[illegible]

7. (أ) $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

(۳) $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$
 $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$

$$1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10 \quad 11 \quad 12 \quad 13 \quad 14 \quad 15 \quad 16 \quad 17 \quad 18 \quad 19 \quad 20 \quad 21 \quad 22 \quad 23 \quad 24 \quad 25 \quad 26 \quad 27 \quad 28 \quad 29 \quad 30 \quad 31 \quad 32 \quad 33 \quad 34 \quad 35 \quad 36 \quad 37 \quad 38 \quad 39 \quad 40 \quad 41 \quad 42 \quad 43 \quad 44 \quad 45 \quad 46 \quad 47 \quad 48 \quad 49 \quad 50 \quad 51 \quad 52 \quad 53 \quad 54 \quad 55 \quad 56 \quad 57 \quad 58 \quad 59 \quad 60 \quad 61 \quad 62 \quad 63 \quad 64 \quad 65 \quad 66 \quad 67 \quad 68 \quad 69 \quad 70 \quad 71 \quad 72 \quad 73 \quad 74 \quad 75 \quad 76 \quad 77 \quad 78 \quad 79 \quad 80 \quad 81 \quad 82 \quad 83 \quad 84 \quad 85 \quad 86 \quad 87 \quad 88 \quad 89 \quad 90 \quad 91 \quad 92 \quad 93 \quad 94 \quad 95 \quad 96 \quad 97 \quad 98 \quad 99 \quad 100$$
$$(2) \quad \vec{r} = \vec{r}_0 + \vec{v}_0 t + \frac{1}{2} \vec{a}_0 t^2 \quad (\text{مربعی})$$

(3) $\dot{A} = \dot{A}_1 + \dot{A}_2 + \dot{A}_3 + \dot{A}_4 + \dot{A}_5$

(س) د ژونګۍ (ر) زړه واکمناسره یو
 پخپل سوغه د رښه لري او زړه یې
 د واکمناسره یو

[illegible][illegible]

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[illegible]

وَمِنْهُمْ مَّنْ يَّهْدِي اللَّهُ سَبِيلَهُ وَمِنْهُمْ مَّنْ يَّضَلُّ اللَّهُ سَبِيلَهُ

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