, Clon Feb 8th, 2021 3.2 Proesice Problems full posentiul 6 tg 12kg 11/19/1 DE = mgsh = 2kgx9.8ms 22n = =43.12 c 1) | 6 | -> -> =43.12 J V= 7ms 1 1=-4,25m-1 40 your $K = \frac{1}{2}mv^2 \implies K_0 = \frac{1}{2}mv_0^2 = \frac{1}{2}.6.7 = 1475$ Then we have 147J and lose 4.2J per moder. $... \Delta S = \frac{147J}{4.2Jm} = 35m$ W= 0K = Ko-Kf $K_1 = \frac{1}{2} m \cdot H^2 \int = \frac{1}{2} m \left(v_0^2 - \frac{4^2}{2} \right)$ e gainsol the direction of the moving box DE = mg (15) sin 0