2022-2023

$Q = Vq = 0.3m^3 \times 3.0 \times 10^7\ J/m^3 = 9 \times 10^6 J$

$= 84\% \quad = 7.56 \times 10^6$

$m = \rho V = 30kg$

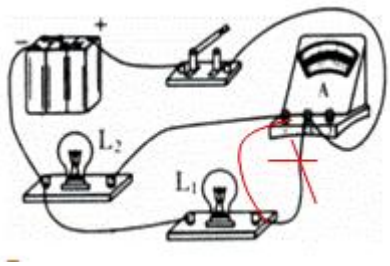
$Q = cm\Delta t \qquad \Delta t = \frac{Q}{cm} = \frac{7.56\times10^6 J}{4.2\times10^3 J/(kg\cdot\ )\times30kg} = 60$

$U = IR = 0.6A \times 10\Omega = 6V$

$_1 = \frac{}{_1} = \frac{6}{4} = 1.5 \qquad _2 = \ - \ _1 = 2 \ - 1.5 \ = 0.5$

$_2 = \frac{}{_2} = \frac{6}{0.5} = 12$

$8.4 \times 10^4 \qquad 1.68 \times 10^5 \qquad 4.2 \times 10^3$



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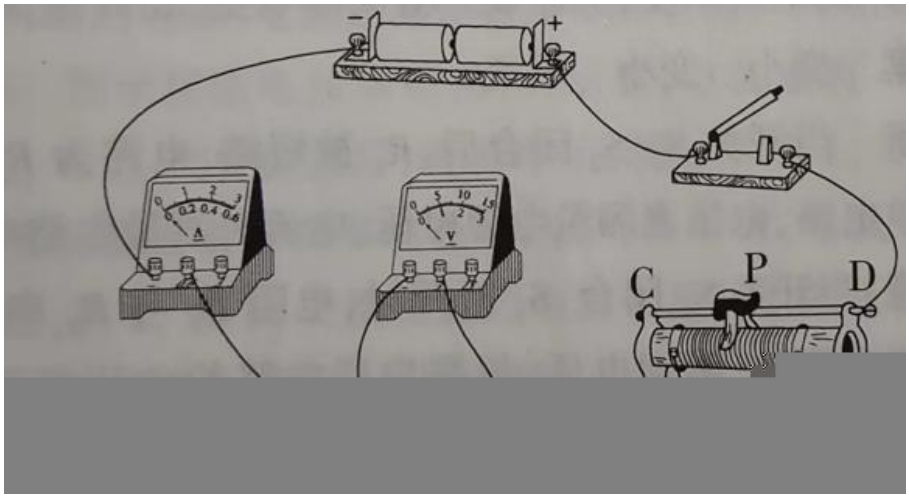
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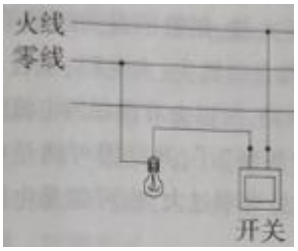
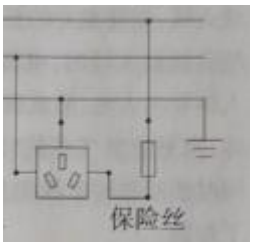

火线
零线
开关


保险丝