

物理

1

解答

$$(1) -\frac{F}{m} \quad (2) \frac{F}{M} \quad (3) \frac{mMv_0}{(m+M)F} \quad (4) \frac{m}{m+M}v_0 \quad (5) -\frac{mM}{m+M}v_0$$
$$(6) \frac{mM}{m+M}v_0 \quad (7) \frac{(2m+M)mMv_0^2}{2(m+M)^2F} \quad (8) \frac{m^2Mv_0^2}{2(m+M)^2F}$$
$$(9) -\frac{(2m+M)mMv_0^2}{2(m+M)^2} \quad (10) \frac{m^2Mv_0^2}{2(m+M)^2} \quad (11) \sqrt{\frac{2(m+M)FL}{mM}}$$

2

解答

$$(1) \frac{V}{R} \quad (2) 0 \quad (3) 0 \quad (4) V \quad (5) CV \quad (6) \frac{1}{2}V \quad (7) \frac{1}{2}CV \quad (8) 3C \quad (9) 3CV$$
$$(10) \frac{7}{8}V$$