

【1】

(1)	$2mga$
(2)	$2\sqrt{ga}$
(3)	$\sqrt{2ga}$
(4)	$v_x^2 + v_y^2 + 2V^2$
(5)	$\frac{1}{2}$
(6)	$\sqrt{3}V$
(7)	$\frac{\sqrt{7}}{3}v_0$
(8)	$\frac{19}{18}$

【2】

(1)	$\frac{p_0 S}{g}$
(2)	$\frac{4p_0 LS}{R}$
(3)	6.4倍
(4)	$\frac{4.4p_0}{gL}$
(5)	$3.6 p_0 LS$
(6)	$16 p_0 LS$
(7)	
(8)	$4.2 p_0 LS$

【3】

(1)	$\frac{\varepsilon_0 S}{d}$
(2)	$\frac{Q}{\varepsilon_0 S}$
(3)	$\frac{Q^2}{2\varepsilon_0 S} d$
(4)	$F = \frac{1}{2} QE$
(5)	(a) $\frac{2}{3}Q$ (b) $\frac{Qd}{3\varepsilon_0 S}$ (c) $\frac{2Q^2}{9\varepsilon_0 S}$ (d) $\frac{4Q^2}{9\varepsilon_0 Sd}$ (e) $\frac{2Q^2d}{9\varepsilon_0 S}$
(6)	$\frac{5Q^2d}{18\varepsilon_0 S}$