

1.

(ア) $\frac{M}{S\rho}$	(イ) $S\rho gx$	(ウ) $\frac{S\rho g}{2}x^2$
(エ) $\sqrt{\frac{2d}{g}}$	(オ) $L\sqrt{\frac{g}{2d}}$	(カ) $\frac{M-m}{M+m}\sqrt{2gd}$
(キ) $\frac{2m}{M+m}\sqrt{2gd}$	(ク) $\left(\frac{M-m}{M+m}\right)^2 d$	
(ケ) $\frac{2m}{M+m}\sqrt{\frac{2Md}{S\rho}}$	(コ) $\frac{\pi}{2}\sqrt{\frac{M}{S\rho g}}$	

2.

(ア) $B(ut)^2$	(イ) $2Bu^2t$	(ウ) $\frac{(2Bu^2t)^2}{R}$
(エ) $\frac{Bau}{R}$	(オ) $Bau$	(カ) $\frac{1}{2}L\left(\frac{Bau}{R}\right)^2$
(キ) $2\pi\sqrt{LC}$	(ク) $c$	(ケ) $a$
(コ) $\sqrt{\frac{L}{C}}\frac{Bau}{R}$		

3.

(ア) $eN$	(イ) $\sqrt{\frac{2eV_0}{m}}$	(ウ) $\frac{h}{e}v - \frac{W}{e}$
(エ) $v + \frac{h}{m\lambda} - \frac{h}{m\lambda'}\cos\theta$	(オ) $-\frac{h}{m\lambda'}\sin\theta$	
(カ) $\frac{hc}{\lambda}$	(キ) $\frac{1}{2}mv^2 + hc\left(\frac{1}{\lambda} - \frac{1}{\lambda'}\right)$	(ク) $\left(1 - \frac{\lambda}{\lambda'}\right)c$

以上