

1.

(ア)	$\frac{M}{\rho S}$	(イ)	$\rho S g x$	(ウ)	$\frac{1}{2} \rho S g x^2$
(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)	$\frac{2m}{M+m} \sqrt{\frac{2Md}{\rho S}}$	(コ)	$\frac{\pi}{2} \sqrt{\frac{M}{\rho S g}}$

2.

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

3.

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