Equation sheet

This sheet will be attached to the midterm and final exams. You therefore do not need to memorize these equations, but should make sure you know what they mean and how to use them.

Table of critical χ^2 values:

df	p=0.05	p=0.01
1	3.84	6.64
2	5.99	9.21
3	7.81	11.35

$p^2 + 2pq + q^2$	$p(A) = \frac{t}{s+t}$
$p(A) = \frac{\nu}{\mu+\nu}$	$C < Br$
$\omega = \frac{D_N}{D_S}$	$\hat{w} = p(AA)f(AA) + p(Aa)f(Aa) + p(aa)f(aa)$
$\frac{1}{N_e} = \sum \frac{1}{N}/k$	$V_T = V_G + V_E = V_A + V_D + V_{GE} + V_E$
$h^2 = \frac{V_A}{V_T}$	$2g$
$R = h^2 S$	$pAB = pA * pB + D$
$\chi^2 = \sum[(o - e)^2/e]$	