TOPLABEL1:  $\Omega_1$ LABEL2:  $\Omega_1^2$ LABEL3:  $\Omega$ LABEL4:  $\Omega^2$ LABEL5:  $\cos^2$ LABEL6:  $\sin^2$ LABEL7:  $\Omega t$ LABEL8:  $\frac{\Omega t}{2}$ BOTTOM