**8C nCr with Binomials**



1. Use the binomial theorem to find the expansion of $\left(3-2x\right)^{5}$
2. Find the first 4 terms in the expansion of $\left(1+2x\right)^{10}$
3. Find the first 4 terms in the expansion of $\left(10-\frac{1}{2}x\right)^{6}$