Simplify, Adding and Subtracting Polynomials

$-4n-9n^{3}-4n+17+4n^{3}+16$

$\left(16x-9y+9z\right)+\left(-8x+24z+12y\right)+3z$

$\left(5x-8k+5\right)-\left(-8x+16+12k\right)-x+3k$

$\left(-5m-8p+5\right)-\left(-8p+13+12m\right)-3p+3m$