

Extra Practice!

First use the distributive property,  
then combine the like terms.

1)  $-n + 4(n+1)$

$$\begin{array}{r} -n + 4n + 4 \\ \hline 3n + 4 \end{array}$$

$$\boxed{3n+4}$$

2)  $-2(-3k+4) - 7$

$$\begin{array}{r} 6k - 8 - 7 \\ \hline 6k - 15 \end{array}$$

$$\boxed{6k-15}$$

3)  $-4 + 6(-4x+3)$

$$\begin{array}{r} -4 - 24x + 18 \\ \hline -24x + 14 \end{array}$$

$$\boxed{-24x + 14}$$

4)  $-2 + 5(4+3r) - 8r$

$$\begin{array}{r} -2 + 20 + 15r - 8r \\ \hline 18 + 7r \end{array}$$

$$18 + 7r \text{ or } \boxed{7r+18}$$

5)  $-(-n+2) - 2n$

$$\begin{array}{r} n - 2 - 2n \\ \hline -n - 2 \end{array}$$

$$\boxed{-n-2}$$

6)  $-3(5+2x) - 7$

$$\begin{array}{r} -15 - 6x - 7 \\ \hline -6x - 22 \end{array}$$

$$\boxed{-6x-22}$$

7)  $-3p - (-8 + 4p) - 15$

$$\begin{array}{r} -3p + 8 - 4p - 15 \\ \hline -7p - 7 \end{array}$$

$$\boxed{-7p-7}$$