

Bellwork Thursday, May 8, 2014

1. Simplify each.

a) $4b(b^2 - 5b)$

$= 4b^3 - 20b^2$

b) $-7w^2(3w^3 + 5w^2)$

$= -21w^5 - 35w^4$

2. Simplify each.

a) $\cancel{4b^5} - \cancel{7b} + 8 - \cancel{9b} + \cancel{2b^5} - \cancel{6b^3} + \cancel{b} - \cancel{2b^3}$

$6b^5 - 8b^3 - 15b + 8$

b) $5r(2r - 7) - 3 + 4(r^2 - 2r + 1)$

$\cancel{10r^2} - \cancel{35r} - 3 + \cancel{4r^2} - \cancel{8r} + 4$
 $14r^2 - 43r + 1$