Unit 5 Day 4 5-4 Binomial Products

2)
$$-18x^{3}$$

 $-42x^{8}$
 $= 3$
 $7x^{5}$

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

$$= \chi^{2} + 4\chi + 2\chi + 8$$

 $= \chi^{2} + 6\chi + 8$

4)
$$(x+3)(x-5)$$

= $x^2-5x+3x-15$
= $x^2-2x-15$

5)
$$(\chi - 7)^{2}$$

= $(\chi - 7)(\chi - 7)$
= $\chi^{2} - 7\chi - 7\chi + 49$
= $\chi^{2} - 14\chi + 49$

6)
$$(3\chi - 4)(2\chi + 1)$$

= $6\chi^2 + 3\chi - 8\chi - 4$
= $6\chi^2 - 5\chi - 4$

$$=(2)(-5)(2)(-5)$$

$$= 412^{2} - 1012 - 1012 + 25$$

$$= 412^{2} - 2012 + 25$$

Practice 5-4