

Name _____

Date _____ Pd. _____

Notes: Special Products

Power	
Prime	
Root	
Square Root	

Square of a sum	$(a + b)^2 =$ _____
Square of a difference	$(a - b)^2 =$ _____

Example 1 Find $(3a + 4)(3a + 4)$.

Example 2 Find $(2z - 9)(2z - 9)$.

$$(8 + x)^2$$

$$(3a - 2b)^2$$

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Exit Card: Special Products

$$(2x+7)^2 =$$

- | | | | |
|----|-------------------|----|-------------------|
| A. | $2x^2 + 49$ | B. | $4x^2 + 49$ |
| C. | $4x^2 + 14x + 49$ | D. | $4x^2 + 28x + 49$ |

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Exit Card: Special Products

$$(2x+7)^2 =$$

- | | | | |
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Homework: Pages 462 (13 – 23 odd)

13. $(y+4)^2$	15. $(a-5)(a-5)$
17. $(b+7)(b-7)$	19. $(2g+5)^2$
21. $(7-4y)^2$	23. $(11r+8)(11r-8)$