

Name \_\_\_\_\_ Date \_\_\_\_\_

## Multiply

$$(-8x + 8)(-8x - 4)$$

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$$(7x + 5)(-5x + 5)$$

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$$(-x - 6)(-3x + 1)$$

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$$(x + 7)(9x - 5)$$

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## Answer Key

Multiply

$$(-8x + 8)(-8x - 4)$$

$$64x^2 + 32x - 64x - 32$$

$$64x^2 - 32x - 32$$

$$(7x + 5)(-5x + 5)$$

$$-35x^2 + 35x - 25x + 25$$

$$-35x^2 + 10x + 25$$

$$(-x - 6)(-3x + 1)$$

$$3x^2 - x + 18x - 6$$

$$3x^2 + 17x - 6$$

$$(x + 7)(9x - 5)$$

$$9x^2 - 5x + 63x - 35$$

$$9x^2 + 58x - 35$$

Name \_\_\_\_\_ Date \_\_\_\_\_

## Multiply

$$(9x - 6)(4x + 3)$$

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

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$$(5x - 9)(-8x + 8)$$

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$$(x - 3)(-6x + 8)$$

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## Answer Key

### Multiply

$$(9x - 6)(4x + 3)$$

$$36x^2 + 27x - 24x - 18$$

$$36x^2 + 3x - 18$$

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

$$-18x^2 + 18x + 12x - 12$$

$$-18x^2 + 30x - 12$$

$$(5x - 9)(-8x + 8)$$

$$-40x^2 + 40x + 72x - 72$$

$$-40x^2 + 112x - 72$$

$$(x - 3)(-6x + 8)$$

$$-6x^2 + 8x + 18x - 24$$

$$-6x^2 + 26x - 24$$