

# Diamond Problems

## Factoring Complex Quadratics ( $a \neq 1$ )

Name: \_\_\_\_\_

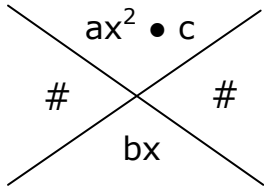
Date: \_\_\_\_\_

Section: \_\_\_\_\_

**Main Ideas**

**Notes**

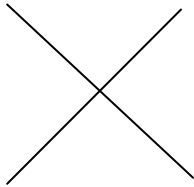
$$ax^2 + bx + c$$



$ax^2$	#
#	c

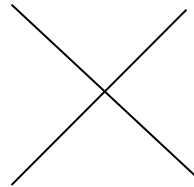
**I Do:**

$$2x^2 + 3x - 20$$




**We Do:**

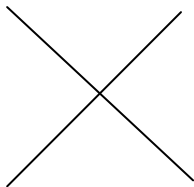
$$6x^2 - 19x + 10$$




**You Do:**

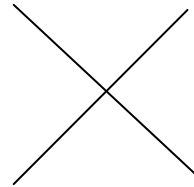
1)

$$3x^2 - 2x - 8$$



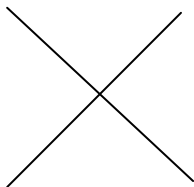

2)

$$4x^2 + 12x + 5$$




3)

$$8x^2 - 18x + 9$$




4)

$$6x^2 - 7x - 3$$

