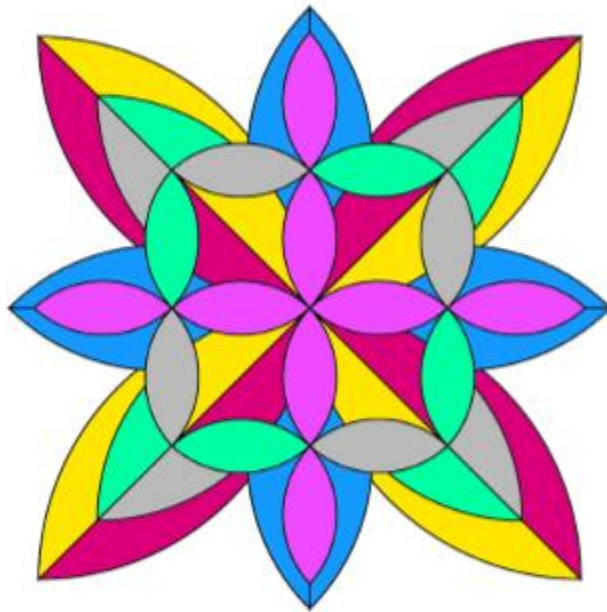


Color by Number



**MULTIPLYING
BINOMIALS**

Multiplying Binomials Color by Number

Directions: Multiply each binomial below. Then, color the indicated term of the binomial (a , b , or c) with the given color. Show your work on a separate sheet of paper.

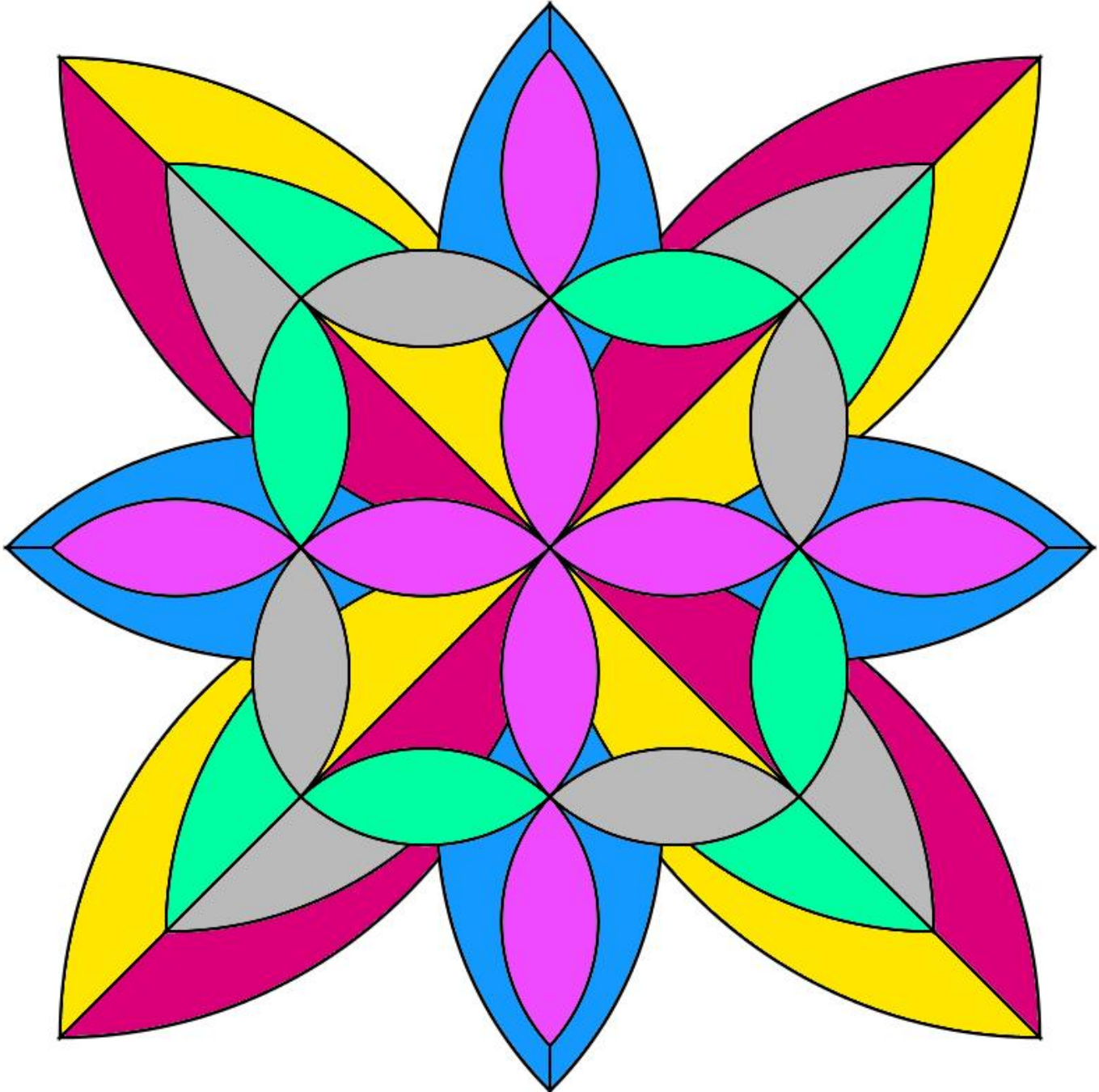
Binomial	Solution	Term	Color
1. $(x - 8)(x + 7)$	_____	a	Magenta
2. $(x + 2)(5x - 8)$	_____	b	Gray
3. $(x + 5)(3x - 2)$	_____	a	Lavender
4. $(8x + 3)(x - 6)$	_____	c	Mint Green
5. $(6x + 3)(x + 2)$	_____	c	Teal Blue
6. $(4x - 3)(6x + 8)$	_____	b	Magenta
7. $(8x - 5)(9x + 4)$	_____	c	Gray
8. $(x - 9)(x - 5)$	_____	b	Lavender
9. $(x + 8)(x - 4)$	_____	b	Mint Green
10. $(x - 7)(2x + 4)$	_____	b	Yellow

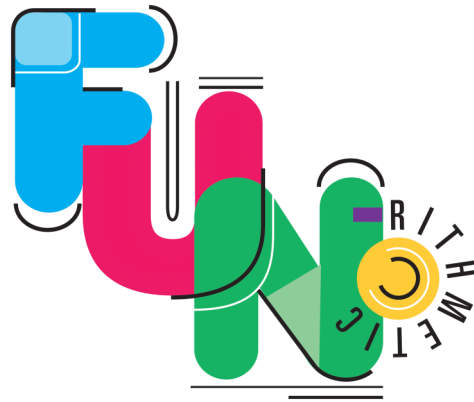
Multiplying Binomials Color by Number—Answer Key

Directions: Multiply each binomial below. Then, color the indicated term of the binomial (*a, b, or c*) with the given color. Show your work on a separate sheet of paper.

Binomial	Solution	Term	Color
1. $(x - 8)(x + 7)$	<u>$x^2 - x - 56$</u>	<i>a</i>	Magenta
2. $(x + 2)(5x - 8)$	<u>$5x^2 + 2x - 16$</u>	<i>b</i>	Gray
3. $(x + 5)(3x - 2)$	<u>$3x^2 + 13x - 10$</u>	<i>a</i>	Lavender
4. $(8x + 3)(x - 6)$	<u>$8x^2 - 45x - 18$</u>	<i>c</i>	Mint Green
5. $(6x + 3)(x + 2)$	<u>$6x^2 + 15x + 6$</u>	<i>c</i>	Teal Blue
6. $(4x - 3)(6x + 8)$	<u>$24x^2 + 14x - 24$</u>	<i>b</i>	Magenta
7. $(8x - 5)(9x + 4)$	<u>$72x^2 - 13x - 20$</u>	<i>c</i>	Gray
8. $(x - 9)(x - 5)$	<u>$x^2 - 14x + 45$</u>	<i>b</i>	Lavender
9. $(x + 8)(x - 4)$	<u>$x^2 + 4x - 32$</u>	<i>b</i>	Mint Green
10. $(x - 7)(2x + 4)$	<u>$2x^2 - 10x - 28$</u>	<i>b</i>	Yellow

Name _____ Date _____





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