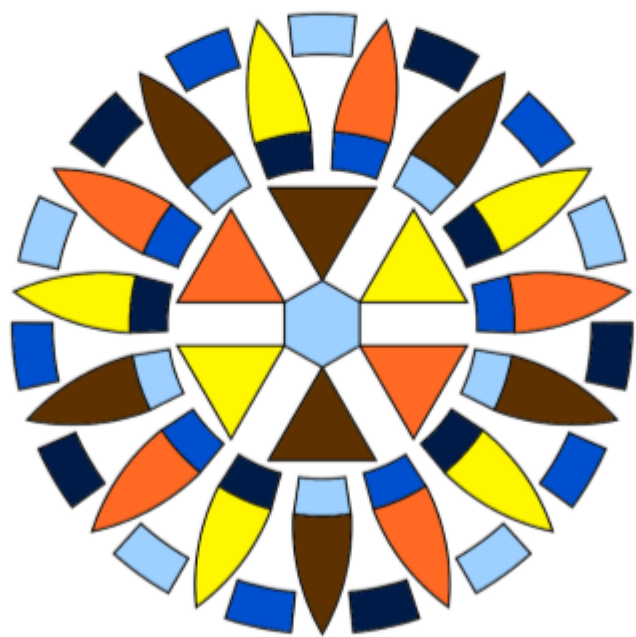


# Color by Number



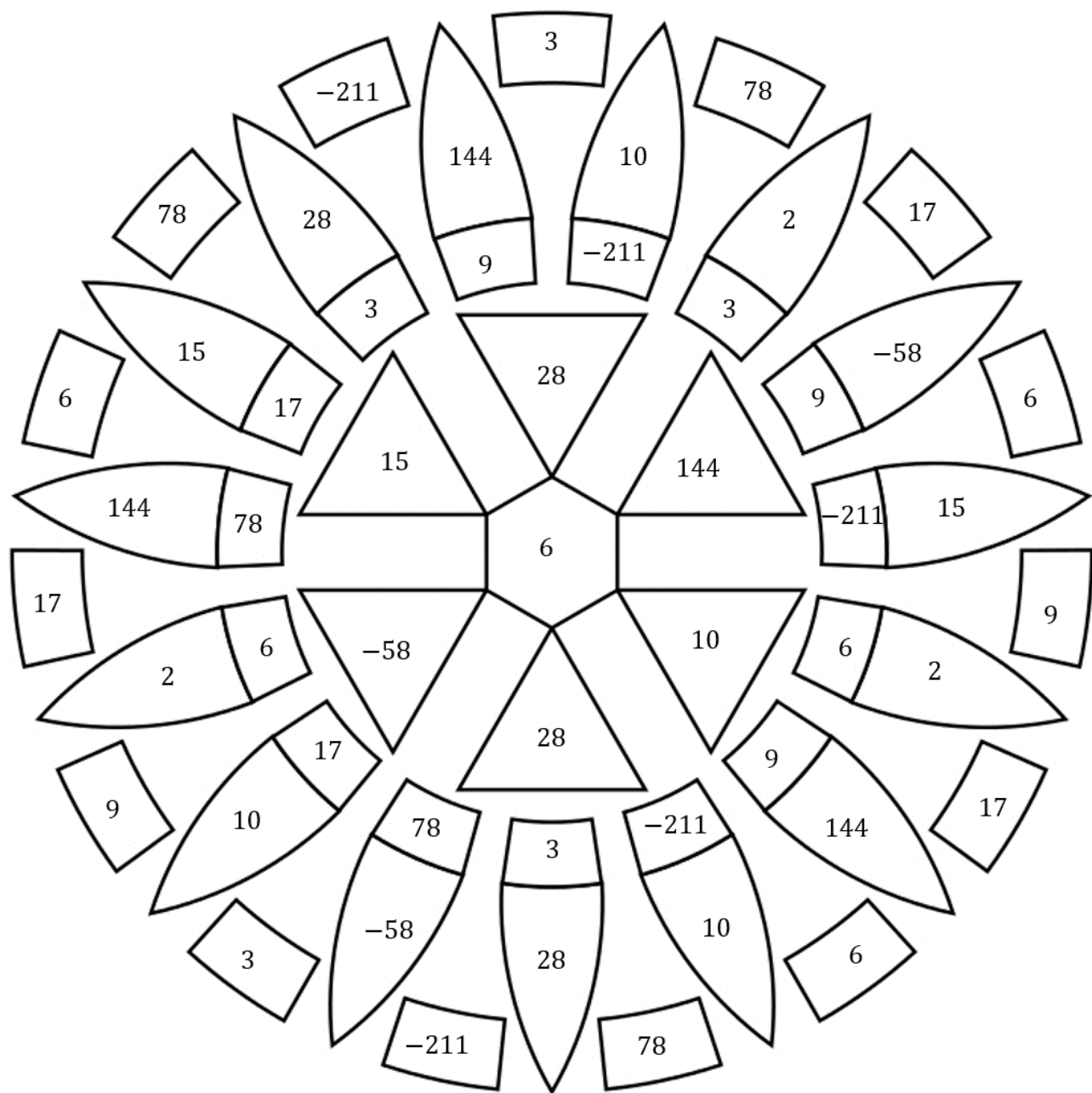
Evaluating Expressions

## Evaluating Expressions Color by Number

**Directions:** Evaluate each expression below. Then, color the solution on the picture with the color indicated. Show your work on a separate sheet of paper.

Expression	Solution	Color
1. $11 - x$ when $x = -4$	_____	coral
2. $5(x - 2) + 3$ when $x = 7$	_____	brown
3. $2x^3 + 3x^2 - 3$ when $x = 3$	_____	navy blue
4. $2x^2 + 3x + 1$ when $x = -2$	_____	sky blue
5. $5xy - 3z$ when $x = -2, y = 4, z = 6$	_____	gold
6. $4x - 8yz + y$ when $x = 2, y = -3, z = -9$	_____	royal blue
7. $\frac{y}{2x} - z$ when $x = 2, y = 12, z = 1$	_____	brown
8. $2y^2(x + y)$ when $x = 5, y = 3$	_____	gold
9. $ a  +  5b $ when $a = -7, b = -2$	_____	royal blue
10. $3(xy + 4) +  3z $ when $x = 2, y = -3, z = -4$	_____	sky blue
11. $-a - a - (b - b)$ when $a = -5, b = -4$	_____	coral
12. $(2x - 3y)^2$ when $x = -3, y = -1$	_____	navy blue

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

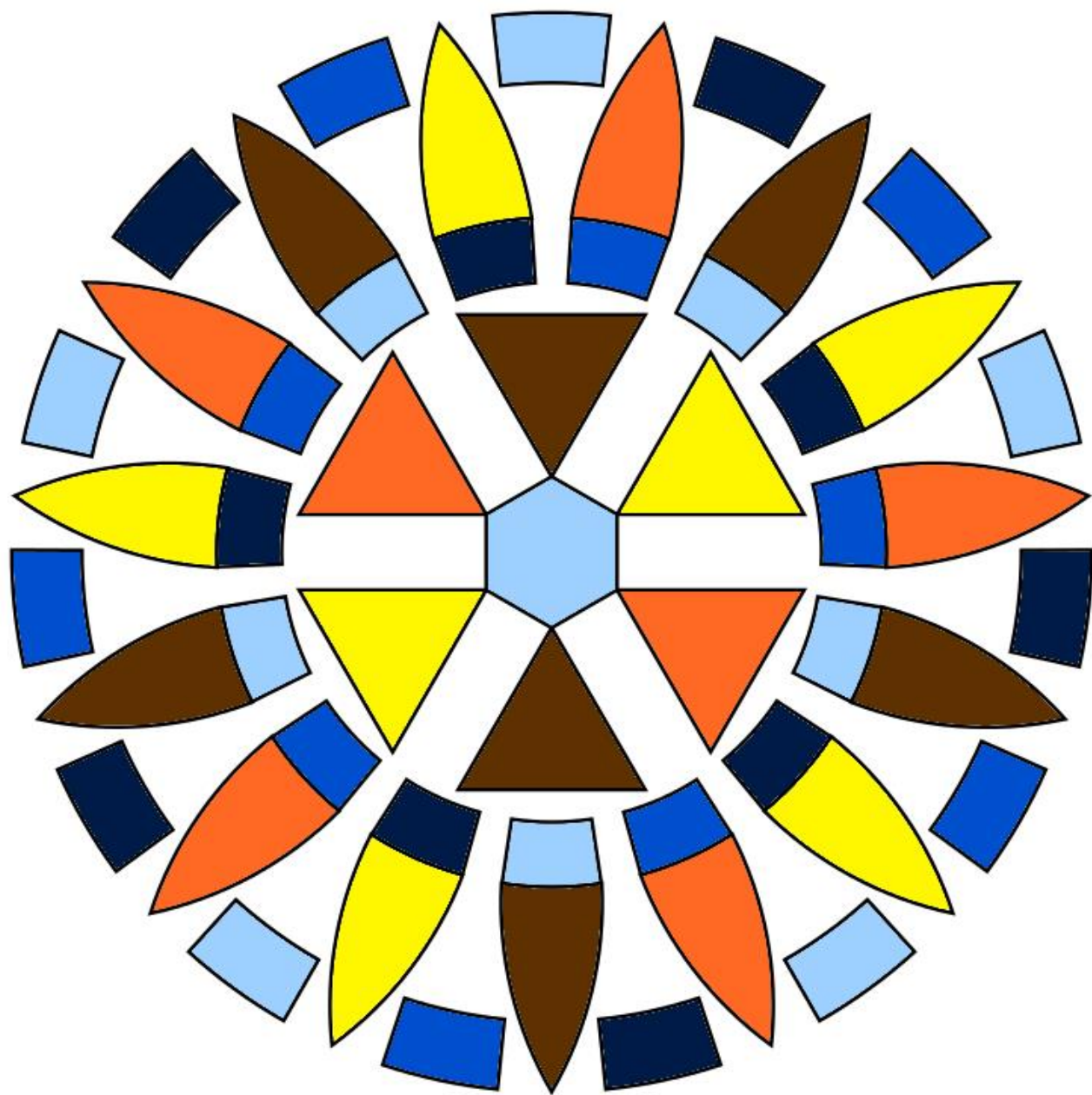


**Evaluating Expressions Color by Number—Answer Key**

**Directions:** Evaluate each expression below. Then, color the solution on the picture with the color indicated. Show your work on a separate sheet of paper.

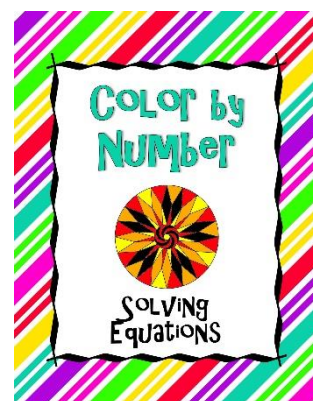
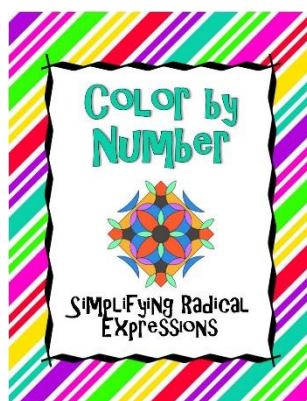
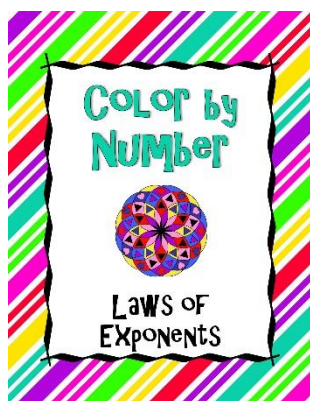
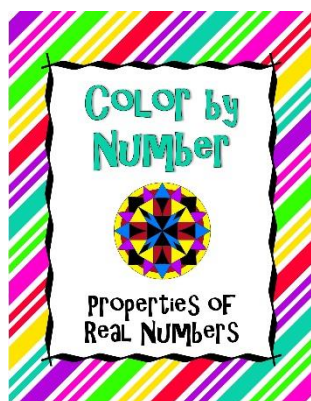
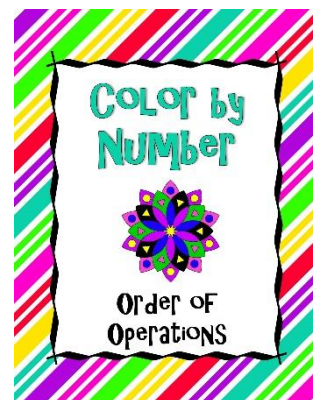
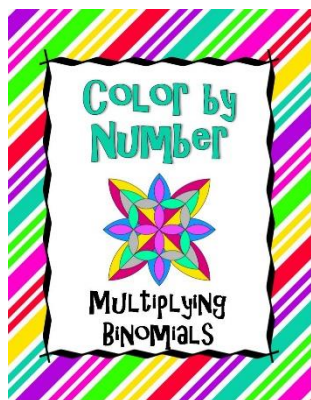
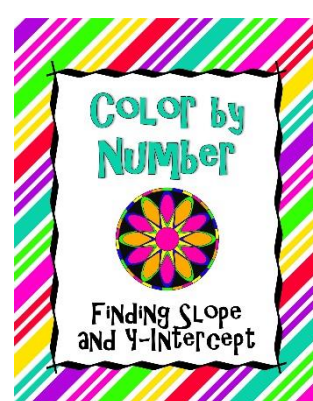
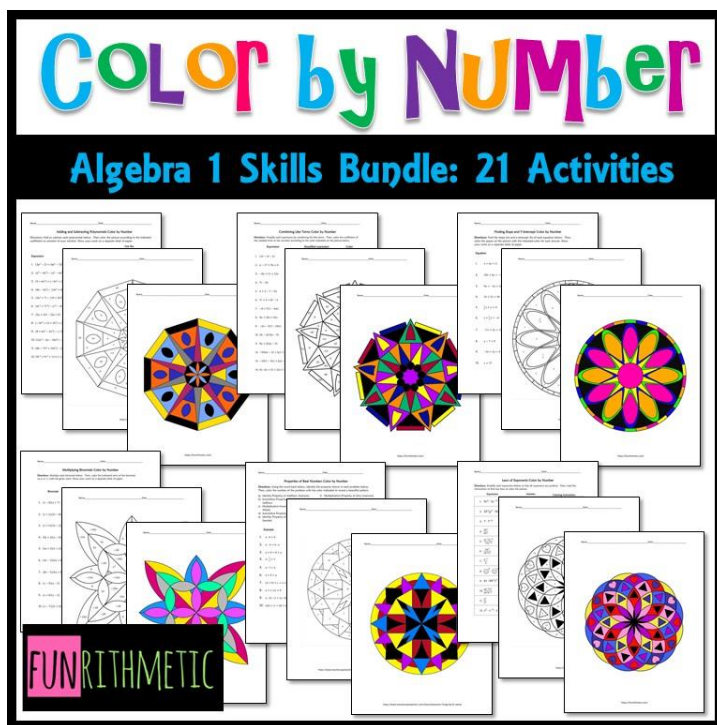
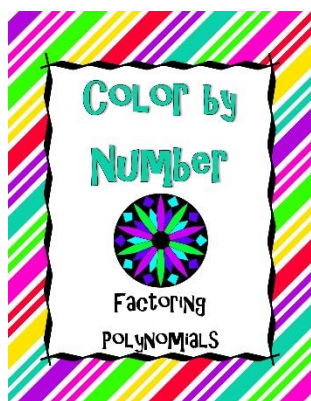
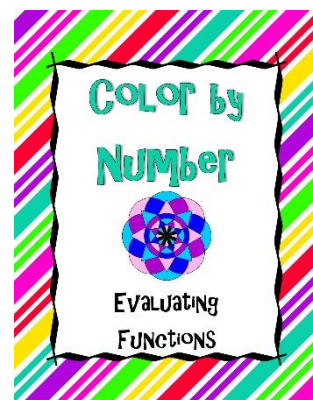
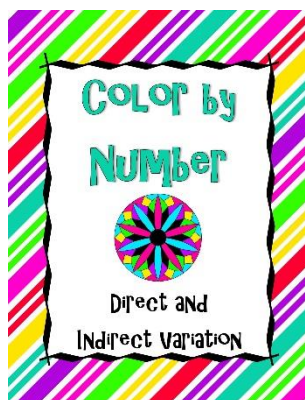
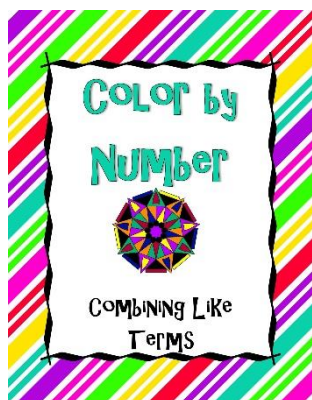
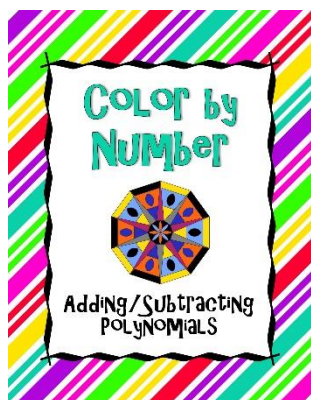
Expression	Solution	Color
1. $11 - x$ when $x = -4$	<u>15</u>	coral
2. $5(x - 2) + 3$ when $x = 7$	<u>28</u>	brown
3. $2x^3 + 3x^2 - 3$ when $x = 3$	<u>78</u>	navy blue
4. $2x^2 + 3x + 1$ when $x = -2$	<u>3</u>	sky blue
5. $5xy - 3z$ when $x = -2, y = 4, z = 6$	<u>-58</u>	gold
6. $4x - 8yz + y$ when $x = 2, y = -3, z = -9$	<u>-211</u>	royal blue
7. $\frac{y}{2x} - z$ when $x = 2, y = 12, z = 1$	<u>2</u>	brown
8. $2y^2(x + y)$ when $x = 5, y = 3$	<u>144</u>	gold
9. $ a  +  5b $ when $a = -7, b = -2$	<u>17</u>	royal blue
10. $3(xy + 4) +  3z $ when $x = 2, y = -3, z = -4$	<u>6</u>	sky blue
11. $-a - a - (b - b)$ when $a = -5, b = -4$	<u>10</u>	coral
12. $(2x - 3y)^2$ when $x = -3, y = -1$	<u>9</u>	navy blue

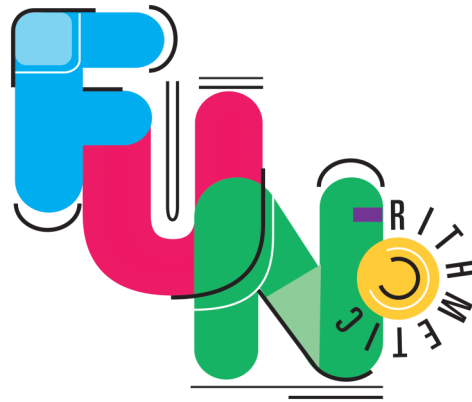
Name \_\_\_\_\_ Date \_\_\_\_\_





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