

Algebra

CREATE and

COLOR



Solving Proportions

Solving Proportions Create and Color

Directions: Solve each proportion below. Round your answers to the nearest hundredth if necessary. Then, find the box that contains your answer and follow the directions for that box. Color your creations when you are done!

Proportion	Solution	Directions
1. $\frac{8}{x+8} = \frac{5}{x}$	_____	Draw a triangle
2. $\frac{9}{7} = \frac{5}{x}$	_____	Fill the space with various sized vertical stripes
3. $\frac{4}{9} = \frac{x-7}{x}$	_____	Draw a refresh arrow (like on a web browser)
4. $\frac{2}{x-15} = \frac{1}{x}$	_____	Draw the universal sign for male
5. $\frac{1}{4} = \frac{x+15}{x-28}$	_____	Fill your box with rows of hearts
6. $\frac{4}{9} = \frac{x+14}{x-23}$	_____	Draw a lollipop
7. $\frac{10}{x+6} = \frac{1}{3}$	_____	Draw a pencil
8. $\frac{x+16}{7} = \frac{x}{1}$	_____	Draw an arrow pointing up
9. $\frac{9x-10}{15} = \frac{2}{7}$	_____	Draw a mustache
10. $\frac{2}{3} = \frac{x}{x-15}$	_____	Draw a flag
11. $\frac{24}{x-12} = \frac{6}{7}$	_____	Fill the box with lines that all originate from the left-hand bottom corner
12. $\frac{20}{x+7} = \frac{1}{2}$	_____	Draw a block letter A

Name _____ Date _____

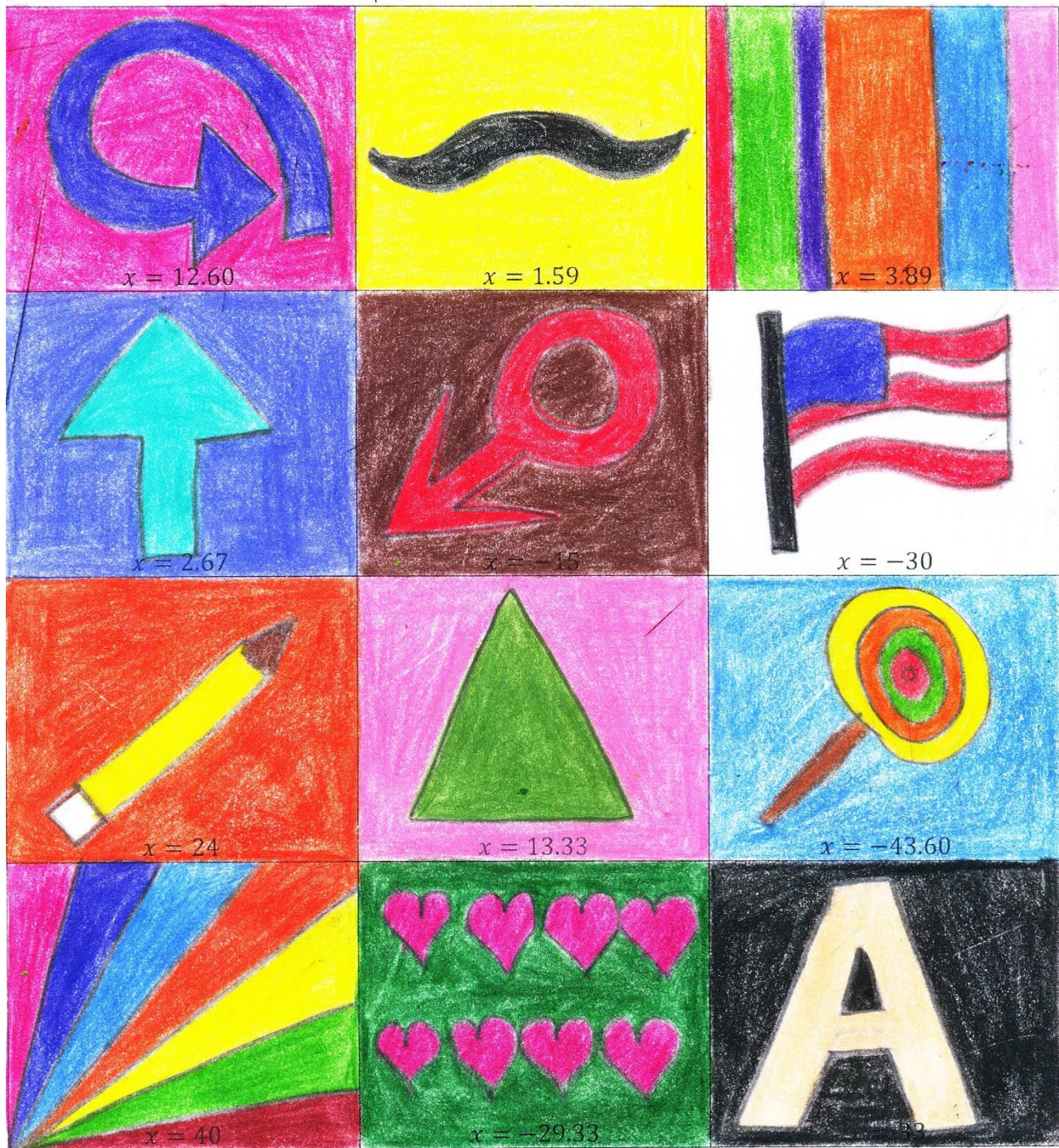
$x = 12.60$	$x = 1.59$	$x = 3.89$
$x = 2.67$	$x = -15$	$x = -30$
$x = 24$	$x = 13.33$	$x = -43.60$
$x = 40$	$x = -29.33$	$x = 33$

Solving Proportions Create and Color

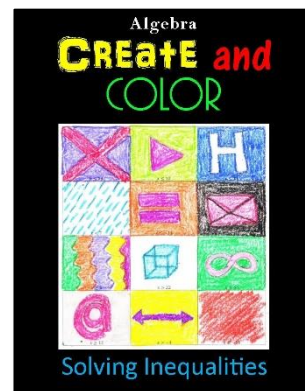
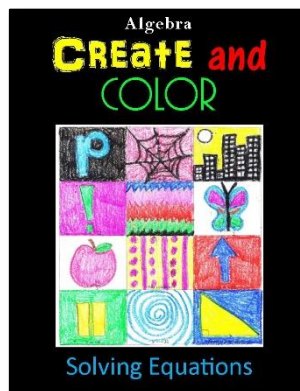
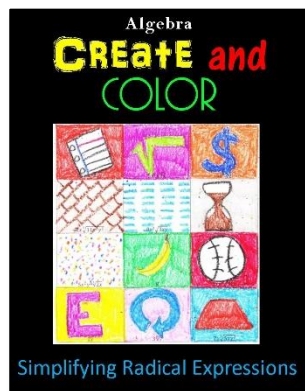
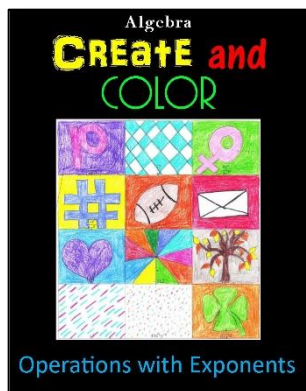
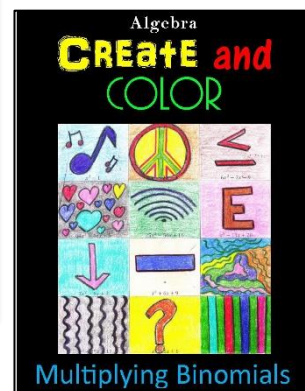
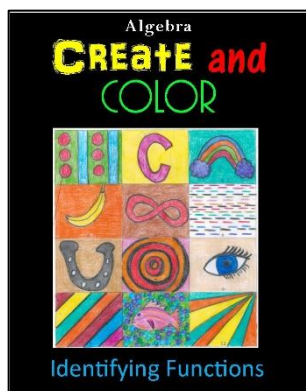
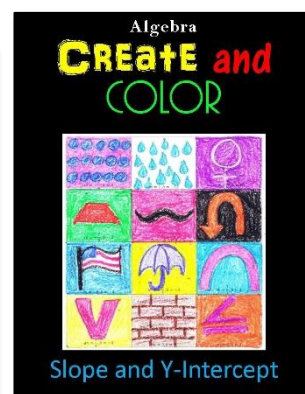
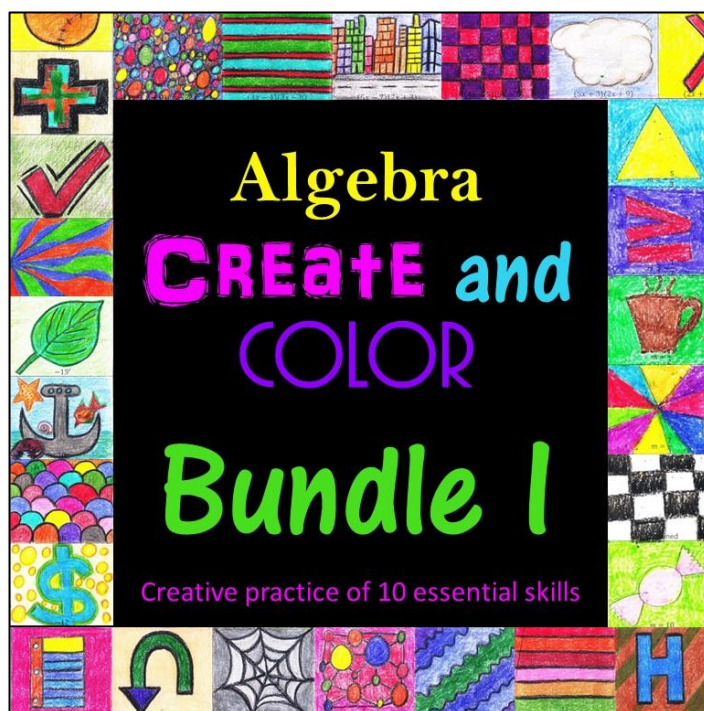
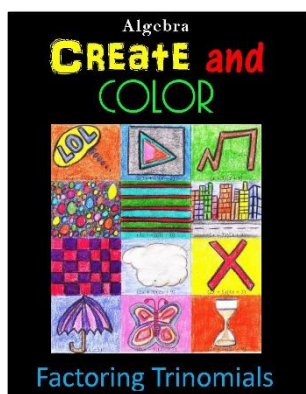
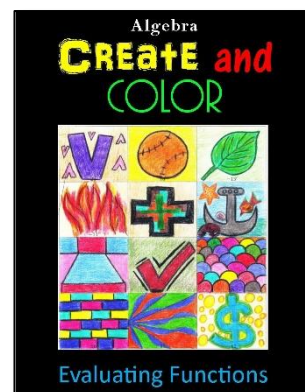
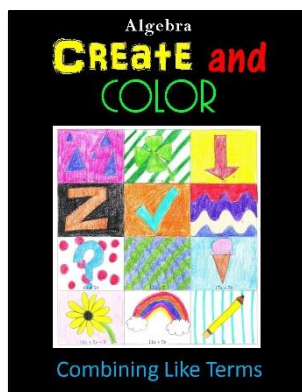
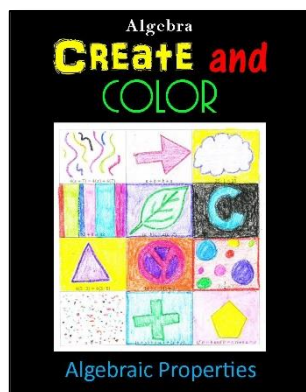
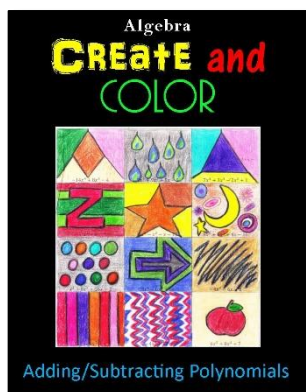
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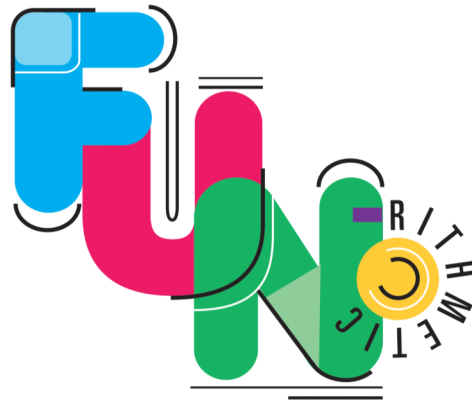
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Name _____ Date _____



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