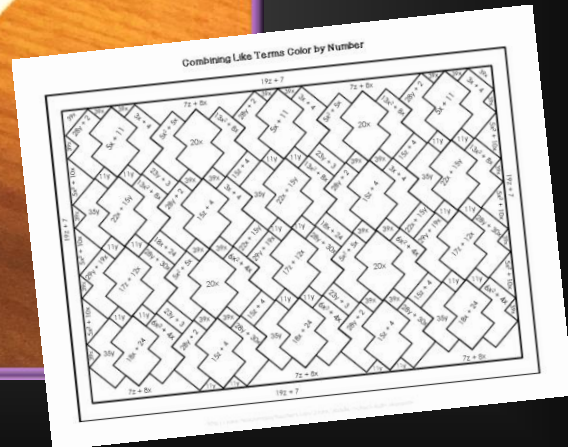
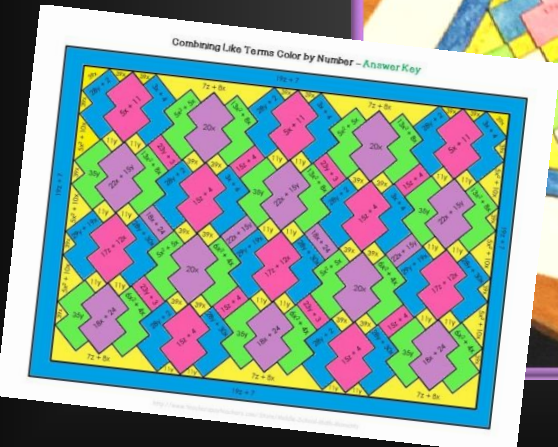
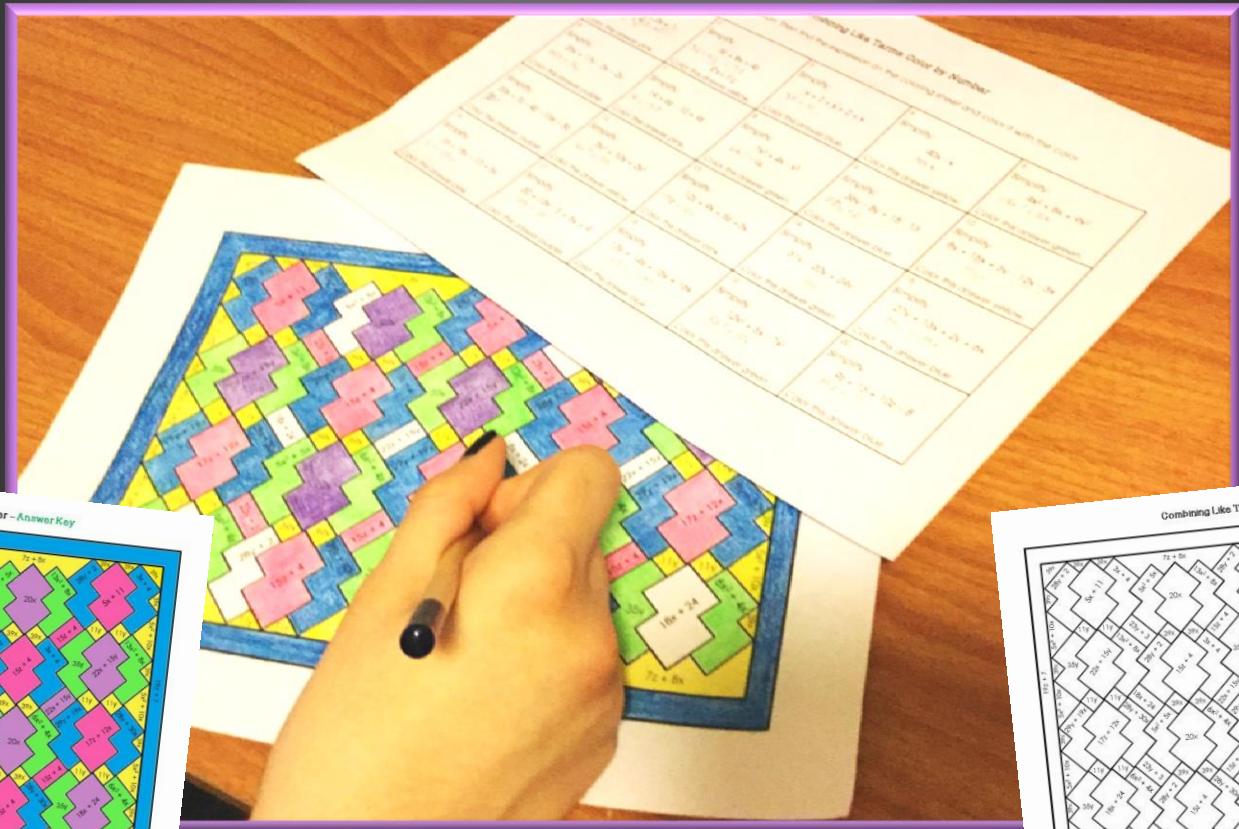
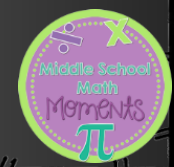


Grades 6-7

Combining Like Terms

Color by Number



Combining Like Terms Color by Number

Thanks for trying Combining Like Terms Color by Number!

In this activity, students combine the like terms in each expression given (there are 20).

Students find the simplified expression on the coloring page and color it with the color indicated in the box for that problem.

There is also a coloring page with no numbers, for students to color their own way.

Common Core Math Standards:

6.EE.A.3 Apply the properties of operations to generate equivalent expressions. For example, apply the distributive property to the expression $3(2 + x)$ to produce the equivalent expression $6 + 3x$; apply the distributive property to the expression $24x + 18y$ to produce the equivalent expression $6(4x + 3y)$; apply properties of operations to $y + y + y$ to produce the equivalent expression $3y$.

6.EE.A.4 Identify when two expressions are equivalent (i.e., when the two expressions name the same number regardless of which value is substituted into them). *For example, the expressions $y + y + y$ and $3y$ are equivalent because they name the same number regardless of which number y stands for.*

7.EE.A.1 Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.

If you have any questions at all, or would like a custom color by number for a particular topic, please email me at middleschoolmathmoments@gmail.com.

Name _____

Combining Like Terms Color by Number

Directions: Simplify each expression. Then find the simplified expression on the coloring sheet and color it with the color given in the box.

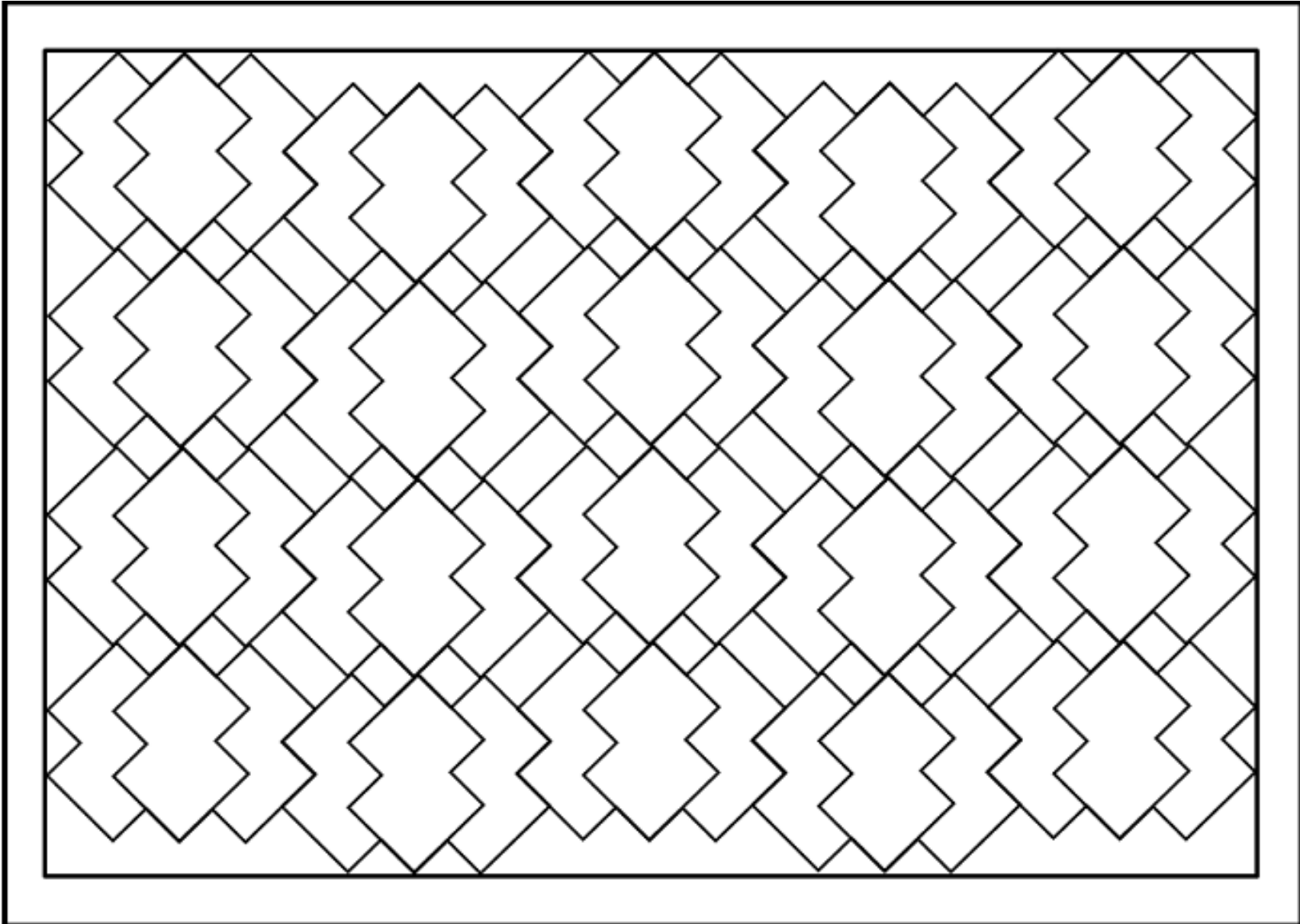
1 Simplify: $3x + 4 + 2x + 7$ Color this answer pink.	2 Simplify: $3z + 8x + 4z$ Color this answer yellow.	3 Simplify: $x + 2 + x + 2 + x$ Color this answer blue.	4 Simplify: $40x - x$ Color this answer yellow.	5 Simplify: $4x^2 + 8x + 9x^2$ Color this answer green.
6 Simplify: $25x + 17y - 3x - 2y$ Color this answer purple.	7 Simplify: $14 + 6z - 10 + 9z$ Color this answer pink.	8 Simplify: $7x^2 + 4x - x^2$ Color this answer green.	9 Simplify: $36y - 8y + 15 - 13$ Color this answer blue.	10 Simplify: $8y + 15x + 3y - 12x - 3x$ Color this answer yellow.
11 Simplify: $35x + 7z - 4z - 15x - 3z$ Color this answer purple.	12 Simplify: $3x^2 + 10x + 2x^2$ Color this answer yellow.	13 Simplify: $12z + 9x + 5z + 3x$ Color this answer pink.	14 Simplify: $31y - 20y + 24y$ Color this answer green.	15 Simplify: $27y + 13x + 2y + 6x$ Color this answer blue.
16 Simplify: $16 + 18y - 13 + 5y$ Color this answer pink.	17 Simplify: $20 + 13x - 5 + 5x + 9$ Color this answer purple.	18 Simplify: $13y + 14x + 15y + 16x$ Color this answer blue.	19 Simplify: $12x^2 + 5x - 7x^2$ Color this answer green.	20 Simplify: $9z + 15 + 10z - 8$ Color this answer blue.

Name _____

Combining Like Terms Color by Number - Key

Directions: Simplify each expression. Then find the simplified expression on the coloring sheet and color it with the color given in the box.

<p>1</p> <p>Simplify:</p> $3x + 4 + 2x + 7$ <p style="text-align: center;">5x + 11</p> <p>Color this answer pink.</p>	<p>2</p> <p>Simplify:</p> $3z + 8x + 4z$ <p style="text-align: center;">7z + 8x</p> <p>Color this answer yellow.</p>	<p>3</p> <p>Simplify:</p> $x + 2 + x + 2 + x$ <p style="text-align: center;">3x + 4</p> <p>Color this answer blue.</p>	<p>4</p> <p>Simplify:</p> $40x - x$ <p style="text-align: center;">39x</p> <p>Color this answer yellow.</p>	<p>5</p> <p>Simplify:</p> $4x^2 + 8x + 9x^2$ <p style="text-align: center;">13x^2 + 8x</p> <p>Color this answer green.</p>
<p>6</p> <p>Simplify:</p> $25x + 17y - 3x - 2y$ <p style="text-align: center;">22x + 15y</p> <p>Color this answer purple.</p>	<p>7</p> <p>Simplify:</p> $14 + 6z - 10 + 9z$ <p style="text-align: center;">15z + 4</p> <p>Color this answer pink.</p>	<p>8</p> <p>Simplify:</p> $7x^2 + 4x - x^2$ <p style="text-align: center;">6x^2 + 4x</p> <p>Color this answer green.</p>	<p>9</p> <p>Simplify:</p> $36y - 8y + 15 - 13$ <p style="text-align: center;">28y + 2</p> <p>Color this answer blue.</p>	<p>10</p> <p>Simplify:</p> $8y + 15x + 3y - 12x - 3x$ <p style="text-align: center;">11y</p> <p>Color this answer yellow.</p>
<p>11</p> <p>Simplify:</p> $35 + 7z - 4z - 15x - 3z$ <p style="text-align: center;">20x</p> <p>Color this answer purple.</p>	<p>12</p> <p>Simplify:</p> $3x^2 + 10x + 2x^2$ <p style="text-align: center;">5x^2 + 10x</p> <p>Color this answer yellow.</p>	<p>13</p> <p>Simplify:</p> $12z + 9x + 5z + 3x$ <p style="text-align: center;">17z + 12x</p> <p>Color this answer pink.</p>	<p>14</p> <p>Simplify:</p> $31y - 20y + 24y$ <p style="text-align: center;">35y</p> <p>Color this answer green.</p>	<p>15</p> <p>Simplify:</p> $27y + 13x + 2y + 6x$ <p style="text-align: center;">29y + 19x</p> <p>Color this answer blue.</p>
<p>16</p> <p>Simplify:</p> $16 + 18y - 13 + 5y$ <p style="text-align: center;">23y + 3</p> <p>Color this answer pink.</p>	<p>17</p> <p>Simplify:</p> $20 + 13x - 5 + 5x + 9$ <p style="text-align: center;">18x + 24</p> <p>Color this answer purple.</p>	<p>18</p> <p>Simplify:</p> $13y + 14x + 15y + 16x$ <p style="text-align: center;">28y + 30x</p> <p>Color this answer blue.</p>	<p>19</p> <p>Simplify:</p> $12x^2 + 5x - 7x^2$ <p style="text-align: center;">5x^2 + 5x</p> <p>Color this answer green.</p>	<p>20</p> <p>Simplify:</p> $9z + 15 + 10z - 8$ <p style="text-align: center;">19z + 7</p> <p>Color this answer blue.</p>



Thank you!

Thank you so much for downloading this teaching tool! I hope you will find the materials to be effective in your classroom and that they will benefit both you and your students. My goal is to provide you with teacher and student-friendly materials that will help you to help your students be successful in math!

If you feel that I have not met my goal, please email me at middleschoolmathmoments@gmail.com.

If you feel that I have met my goal, I would like to know that as well. You can add your feedback to this product's reviews, as well as **earn credit** toward future TPT purchases. Just go to "My Purchases" in your TPT account.

Terms of Use

Copyright © 2016, [Middle School Math Moments](#). All rights reserved. Permission is granted to copy pages specifically designed for student or teacher use by the original purchaser or licensee. The reproduction of any other part of this product is strictly prohibited. Copying any part of this product and/or placing it on the Internet in any form (even a personal/classroom website) is strictly forbidden. Doing so is a violation of the Digital Millennium Copyright Act (DMCA).

You MAY:	You may NOT:
<ul style="list-style-type: none">• Use this item for your own personal use or for use in your classroom.	<ul style="list-style-type: none">• Give this item to others.
<ul style="list-style-type: none">• Copy this item for use in your classroom by your students.	<ul style="list-style-type: none">• Copy this item for use by others.
<ul style="list-style-type: none">• Purchase unlimited licenses for others to use this item at 50% off.	<ul style="list-style-type: none">• Post this item on a website, including a personal, classroom, or district website.
<ul style="list-style-type: none">• Review this item for the purpose of recommending it to others, provided you include a link to this product in my store.	<ul style="list-style-type: none">• Copy or modify any part of this item to offer others for free or for sale.

Stay in Touch

[Blog](#)

[Pinterest](#)

[Facebook](#)

[Instagram](#)

Credit: Graphics and fonts used in this product are credited to:



Other materials you might like:

Click for 6th Grade Units

Grade 6

Ratios, Rates, Proportions
Notes, Practice, Exit Tickets, Assessment
Common Core Aligned

Grade 6

NUMBER SYSTEM - WHOLE NUMBERS & DECIMALS
Notes, Practice, Exit Tickets, Assessment
Common Core Aligned

Grade 6

EXPRESSIONS & EQUATIONS
Notes, Practice, Exit Tickets, Assessment
Common Core Aligned

Grade 6

COMING SOON!!

NUMBER SYSTEM - FRACTIONS
Notes, Practice, Exit Tickets, Assessment
Common Core Aligned

Click for all Footloose Task Cards

Footloose

Footloose!
(and extra practice page)
Prime Factorization

Find the prime factorization of 150. What number has the prime factorization of $2 \times 2 \times 2$?

Footloose

Footloose!
Integer Operations

$30 - (-15)$ The temperature at 10:00 AM was 40°C . At 11:00 AM it was 25°C . What was the temperature at 12:00 PM?

Footloose

Footloose!
Absolute Value

What is the absolute value? $|-5|$ Write the absolute value on the number line and find the opposite. What is the absolute value of the temperature at the coldest?

Footloose

Footloose!
Percent of a Number

40% of 250 is 100. What percent of 250 is 100? 25% of 200 is 50. What percent of 200 is 50?

Footloose

Footloose!
Writing and Graphing Inequalities

Write the inequality for the graph. Write an inequality for the number line.

Footloose

Footloose!
Mean, Median, Mode & Range

FOOTLOOSE: 14 years old and his brother is 9. His sister is 11 years old. What is the mean of their ages? The mean of the data set is 10. What number is missing? 12, 6, 8, 10, 14

Click to see all Color by Numbers

Grade 6

COLOR BY NUMBER BUNDLE #1
Math Concepts

Grade 6

COLOR BY NUMBER BUNDLE #2
Math Concepts

Grade 6

COLOR BY NUMBER BUNDLE #3
Math Concepts

Grade 6

COLOR BY NUMBER BUNDLE - COMPLETE SET
Math Concepts

Grade 6

RATIOS & PROPORTIONS
Color by Number

Grade 6

DECIMAL DIVISION
Color by Number

Grade 6

DECIMAL MULTIPLICATION
Color by Number

Grade 6

EXPONENTS
Color by Number

Grade 6

ALGEBRAIC EQUATIONS
Color by Number

Grade 6

MULTI-DIGIT MULTIPLICATION
Color by Number

Click to go to Daily Math

Grade 6

Daily Math Warm-Ups
10 free days!
Common Core Aligned

Grade 6

Daily Math Warm-Ups
Days 1-60
Common Core Aligned

Grade 6

Daily Math Warm-Ups
Days 61-120
Common Core Aligned

Grade 6

Daily Math Warm-Ups
Days 121-180
Common Core Aligned

Grade 6

Daily Math Warm-Ups
180 Days!
Common Core Aligned