

Integer Operations

Color by Number

Thanks for trying Integer Operations – Color by Number!

In this activity, students solve each integer operations problem (there are 20). They then find the solution number on the coloring page and color it with the color indicated in the box for that problem.

There are two coloring versions included here. The **questions** are the **same** in both versions, but the colors are different – one is a “regular” coloring page and the other is colored with holiday colors. The different versions are marked with an “A” or “B” in the upper left corner.

CCSS:

7.NS.1b Understand $p + q$ as the number located a distance $|q|$ from p , in the positive or negative direction depending on whether q is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts.

7.NS.1c Understand subtraction of rational numbers as adding the additive inverse, $p - q = p + (-q)$. Show that the distance between two rational numbers on the number line is the absolute value of their difference, and apply this principle in real-world contexts.

7.NS.2b Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.

b) Understand that integers can be divided, provided that the divisor is not zero, and every quotient of integers (with non-zero divisor) is a rational number.

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.

A coloring page with no numbers is included also, so students can color the pattern their own way, for fun.☺

Thanks and enjoy!

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Integer Operations Color by Number

Name _____

Date _____

Directions: Solve each problem, showing all work. Then find the ANSWER number on the coloring sheet and color it with the color given in the box.

1 $-8 + 3$ Color this answer purple.	2 $7 - (-14)$ Color this answer yellow.	3 $(-15)(-4)$ Color this answer orange.	4 $(-48) \div (-4)$ Color this answer pink.	5 $18 + (-30)$ Color this answer lt green.
6 $20 - (-11)$ Color this answer lt blue.	7 $(8)(-2)$ Color this answer dk blue.	8 $(-36) \div (9)$ Color this answer purple.	9 $-5 + 10$ Color this answer yellow.	10 $-9 - 2$ Color this answer yellow.
11 $(-4)(-4)$ Color this answer orange.	12 $-32 \div (-8)$ Color this answer lt green.	13 $-4 - (-15)$ Color this answer dk blue.	14 $(3)(6)(-2)$ Color this answer purple.	15 $-11 - 8 + 21$ Color this answer orange.
16 $(-9)(2)(-2)$ Color this answer yellow.	17 $(-20) \div (-4) - 7$ Color this answer dk blue.	18 $(-3)(-4)(-4)$ Color this answer lt green.	19 $-17 - 7$ Color this answer yellow.	20 $3 - 24$ Color this answer purple.

Integer Operations Color by Number

The grid contains the following numbers in each cell (row by row):

12	-11	31	36	12	-11	31	36								
-2	11	-48	4	-2	-16	-12	4	-2	11	-48	4	-2	-16	-12	4
-5	60	-36	2	-5	60	-36	2								
-24	5	-4	-21	5	-11	-36	-4	-24	5	-4	-21	5	-11	-36	-21
-2	31	36	12	21	31	36	12	21	-2	31	36	12	21	-2	
11	-2	-12	4	-16	11	-48	4	-16	-2	-12	4	-16	11	-48	4
-36	16	-5	60	-36	16	-5	60								
21	36	-21	-4	-24	5	-4	-21	-11	36	-21	-4	-24	5	-21	-4
12	21	31	-11	12	21	31	-11								
-16	11	-48	4	-12	4	-2	11	-48	4	-16	11	-48	4	-12	4
-36	2	-21	16	-36	2	-21	16								

Integer Operations Color by Number - Answer Key

Name _____

Date _____

Directions: Solve each problem, showing all work. Then find the ANSWER number on the coloring sheet and color it with the color given in the box.

1 $-8 + 3$ -5 Color this answer purple.	2 $7 - (-14)$ 21 Color this answer yellow.	3 $(-15)(-4)$ 60 Color this answer orange.	4 $(-48) \div (-4)$ 12 Color this answer pink.	5 $18 + (-30)$ -12 Color this answer It green.
6 $20 - (-11)$ 31 Color this answer It blue.	7 $(8)(-2)$ -16 Color this answer dk blue.	8 $(-36) \div (9)$ -4 Color this answer purple.	9 $-5 + 10$ 5 Color this answer yellow.	10 $-9 - 2$ -11 Color this answer yellow.
11 $(-4)(-4)$ 16 Color this answer orange.	12 $-32 \div (-8)$ 4 Color this answer It green.	13 $-4 - (-15)$ 11 Color this answer dk blue.	14 $(3)(6)(-2)$ -36 Color this answer purple.	15 $-11 - 8 + 21$ 2 Color this answer orange.
16 $(-9)(2)(-2)$ 36 Color this answer yellow.	17 $(-20) \div (-4) - 7$ -2 Color this answer dk blue.	18 $(-3)(-4)(-4)$ -48 Color this answer It green.	19 $-17 - 7$ -24 Color this answer yellow.	20 $3 - 24$ -21 Color this answer purple.

Integer Operations Color by Number

Name _____

Date _____

Directions: Solve each problem, showing all work. Then find the ANSWER number on the coloring sheet and color it with the color given in the box.

1 $-8 + 3$ Color this answer green.	2 $7 - (-14)$ Color this answer gold.	3 $(-15)(-4)$ Color this answer green.	4 $(-48) \div (-4)$ Color this answer green.	5 $18 + (-30)$ Color this answer gold.
6 $20 - (-11)$ Color this answer green.	7 $(8)(-2)$ Color this answer red.	8 $(-36) \div (9)$ Color this answer red.	9 $-5 + 10$ Color this answer gold.	10 $-9 - 2$ Color this answer gold.
11 $(-4)(-4)$ Color this answer green.	12 $-32 \div (-8)$ Color this answer gold.	13 $-4 - (-15)$ Color this answer red.	14 $(3)(6)(-2)$ Color this answer red.	15 $-11 - 8 + 21$ Color this answer green.
16 $(-9)(2)(-2)$ Color this answer green.	17 $(-20) \div (-4) - 7$ Color this answer red.	18 $(-3)(-4)(-4)$ Color this answer gold.	19 $-17 - 7$ Color this answer gold.	20 $3 - 24$ Color this answer red.

Integer Operations Color by Number

A large grid of irregular shapes, each containing an integer. The grid is composed of 10 columns and 8 rows of shapes. The integers are: Row 1: 12, -2, 11, -48, -11, 36, -2, -16, -12, 4, -2, 11, -48, 4, -5, -16, -12, 4. Row 2: -24, 5, -4, -21, 5, -11, -36, -4, -24, 5, -4, -21, 5, -11, -36, -21. Row 3: 31, -5, 36, -5, 36, -5. Row 4: 11, -2, -12, 4, -16, 11, -48, 4, -16, -2, -12, 4, -16, 11, -48, 4. Row 5: 16, 60, 16, 60. Row 6: 21, 5, -21, -4, -24, 5, -4, -21, -11, 21, -21, -4, -24, 5, -21, -4. Row 7: 12, 31, 12, 31. Row 8: -16, -36, -48, 21, -2, -36, -12, 21, -2, 11, -48, 4, -16, 11, -12, 4. Row 9: 2, 16, 2, 16.

Integer Operations Color by Number - Answer Key

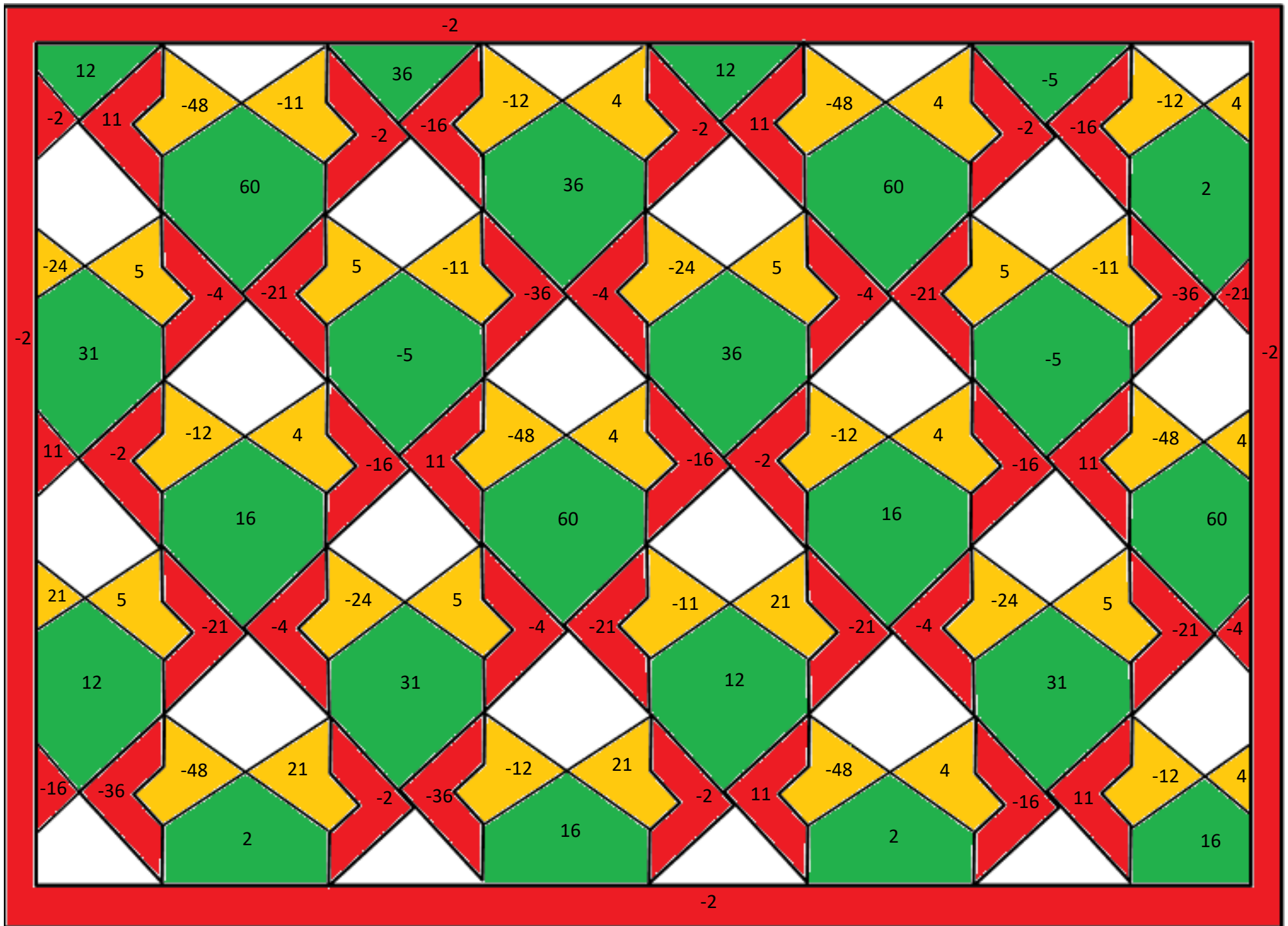
Name _____

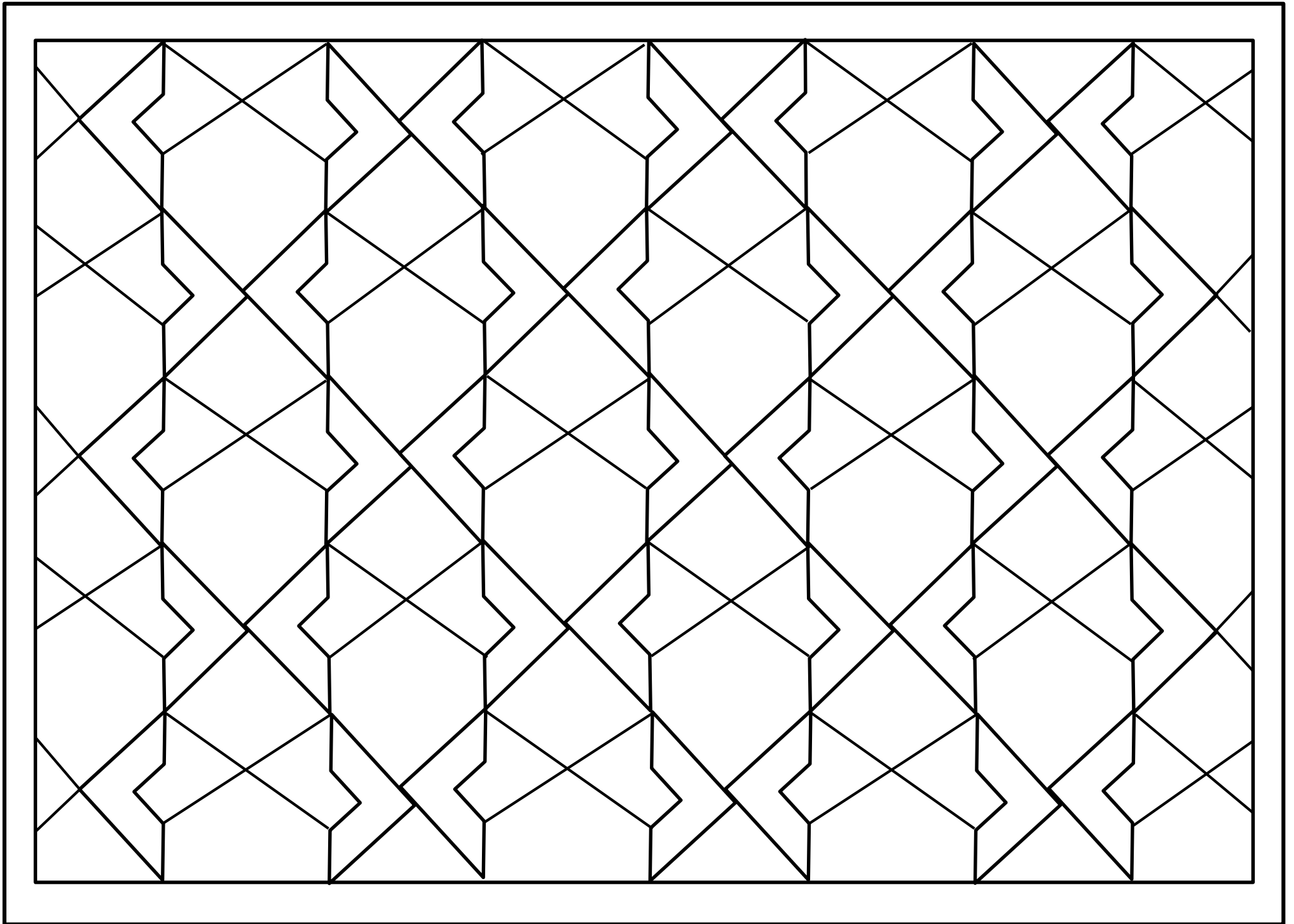
Date _____

Directions: Solve each problem, showing all work. Then find the ANSWER number on the coloring sheet and color it with the color given in the box.

1 $-8 + 3$ -5 Color this answer green.	2 $7 - (-14)$ 21 Color this answer gold.	3 $(-15)(-4)$ 60 Color this answer green.	4 $(-48) \div (-4)$ 12 Color this answer green.	5 $18 + (-30)$ -12 Color this answer gold.
6 $20 - (-11)$ 31 Color this answer green.	7 $(8)(-2)$ -16 Color this answer red.	8 $(-36) \div (9)$ -4 Color this answer red.	9 $-5 + 10$ 5 Color this answer gold.	10 $-9 - 2$ -11 Color this answer gold.
11 $(-4)(-4)$ 16 Color this answer green.	12 $-32 \div (-8)$ 4 Color this answer gold.	13 $-4 - (-15)$ 11 Color this answer red.	14 $(3)(6)(-2)$ -36 Color this answer red.	15 $-11 - 8 + 21$ 2 Color this answer green.
16 $(-9)(2)(-2)$ 36 Color this answer green.	17 $(-20) \div (-4) - 7$ -2 Color this answer red.	18 $(-3)(-4)(-4)$ -48 Color this answer gold.	19 $-17 - 7$ -24 Color this answer gold.	20 $3 - 24$ -21 Color this answer red.

Integer Operations Color by Number - Answer Key





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 Common Core Aligned

Grade 6
EXPRESSIONS & EQUATIONS
 Notes, Practice, Exit Tickets, Assessment
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Grade 6
NUMBER SYSTEM - FRACTION DIVISION
 Notes, Practice, Exit Tickets, Assessment
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Grade 6
6TH GRADE MATH CURRICULUM BUNDLE
 Common Core Aligned

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Integer Operations

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Click to see all Color by Numbers

Grade 6
COLOR BY NUMBER BUNDLE #1
 Math Concepts - 11 activities

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COLOR BY NUMBER BUNDLE #3
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Grade 6
COLOR BY NUMBER COMPLETE SET
 Math Concepts - 54 activities

MATH TRUTH OR DARE
 Combining Like Terms

MATH TRUTH OR DARE
 Algebraic Expressions

Grade 6
RATIOS & PROPORTIONS
 Color by Number

Grade 6
DECIMAL DIVISION
 Color by Number

Grade 6
DECIMAL MULTIPLICATION
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Grade 6
EXPONENTS
 Color by Number

Grade 6
ALGEBRAIC EQUATIONS
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Grade 6
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 Color by Number

Grade 6
Daily Math Warm-Ups 180 Days!
 Common Core Aligned

TRUTH OR DARE
 A Review Game
 Google Classroom Version
Absolute Value

TRUTH OR DARE
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Algebraic Expressions

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TRUTH OR DARE
 A Review Game
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Exponents

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.

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