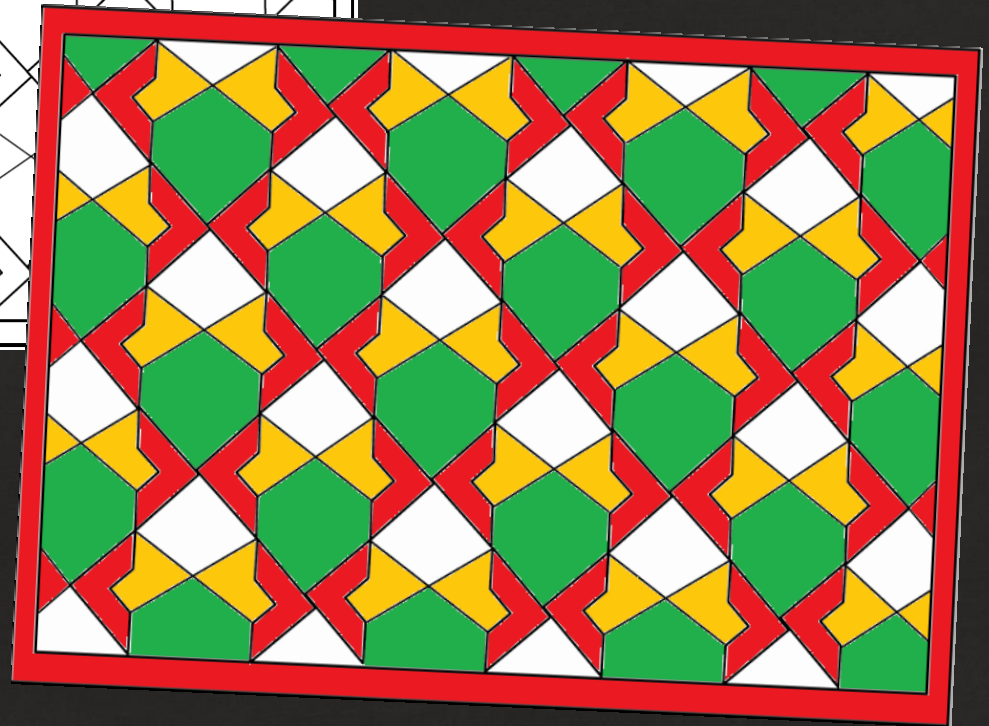
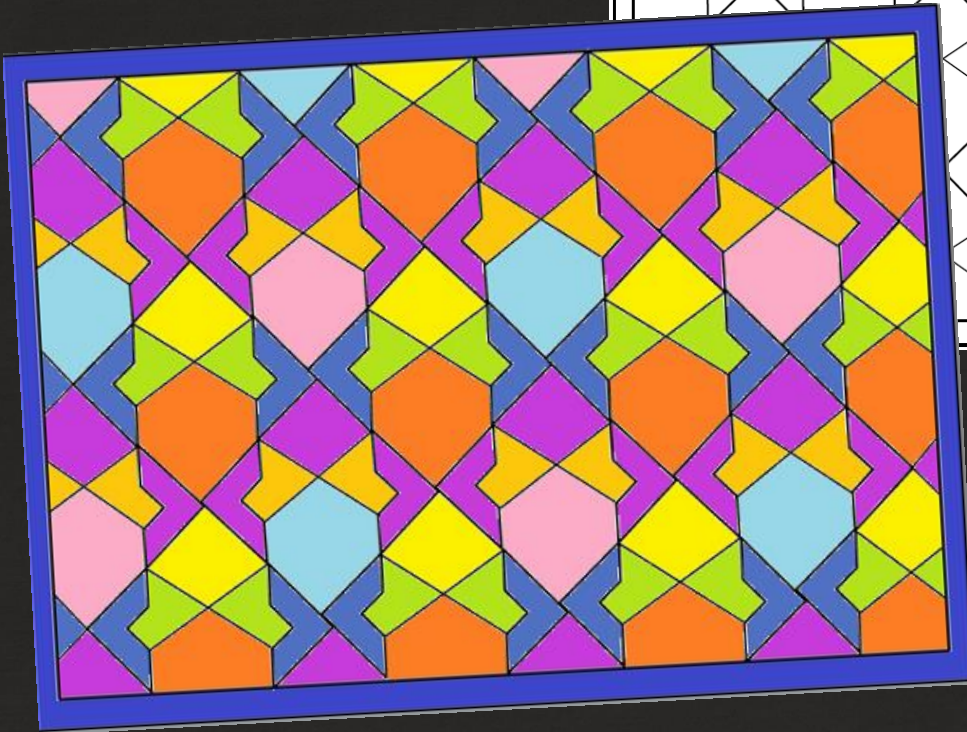
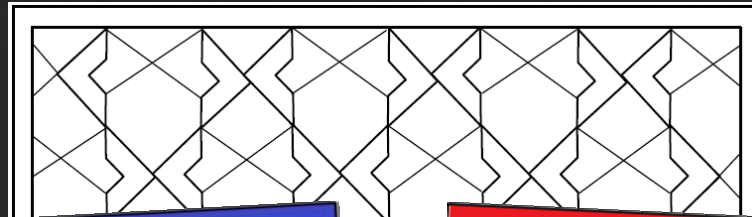


# Integer Operations

## *Color by Number*



# 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](mailto: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

**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 light green.
6 $20 - (-11)$  Color this answer light blue.	7 $(8)(-2)$  Color this answer dark 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 light green.	13 $-4 - (-15)$  Color this answer dark 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 dark blue.	18 $(-3)(-4)(-4)$  Color this answer light green.	19 $-17 - 7$  Color this answer yellow.	20 $3 - 24$  Color this answer purple.



# Integer Operations Color by Number –Answer Key

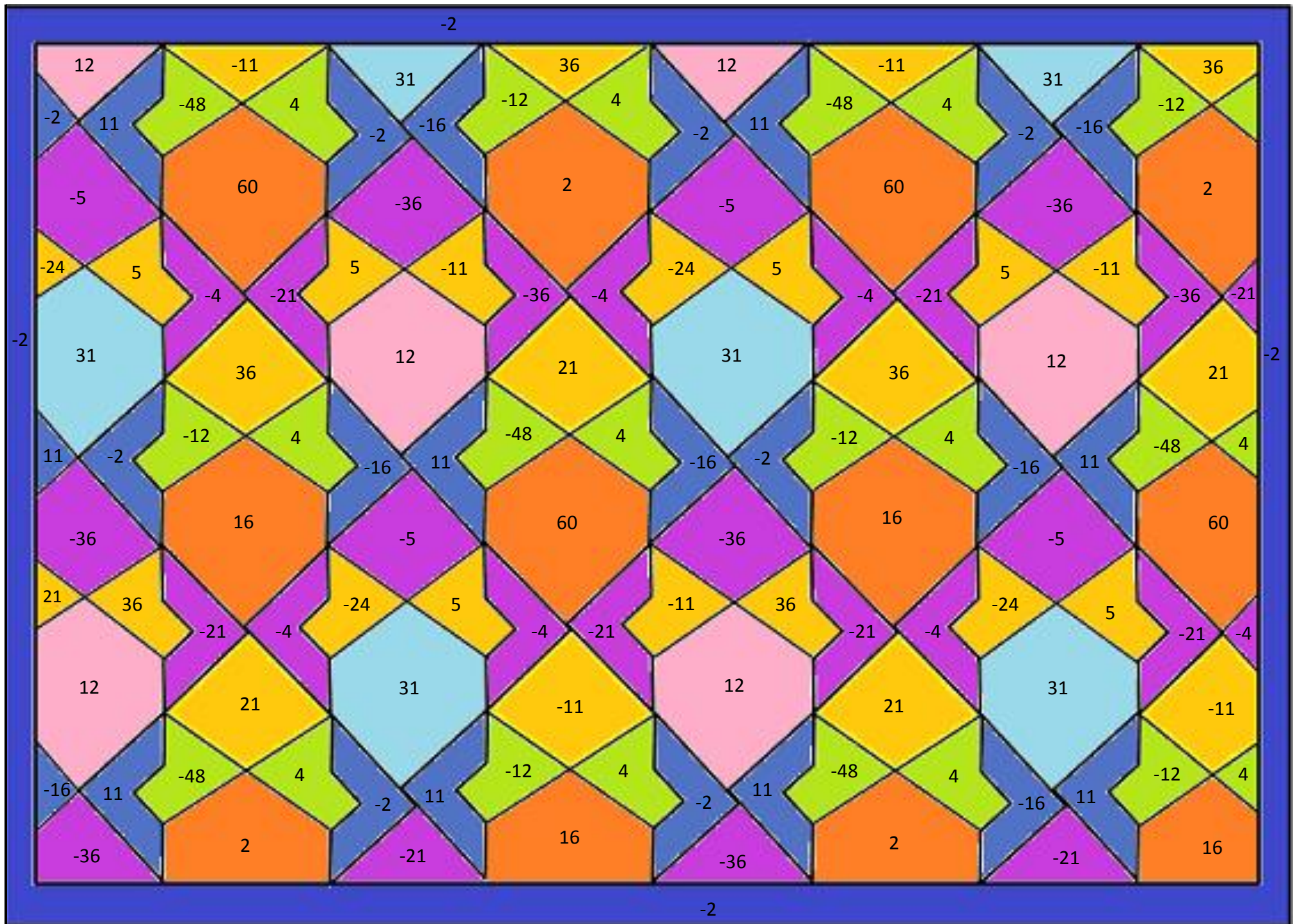
**Directions:** Solve each problem, showing all work. Then find the ANSWER number on the coloring sheet and color it with the color given in the box.

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



A

## Integer Operations Color by Number- Answer Key

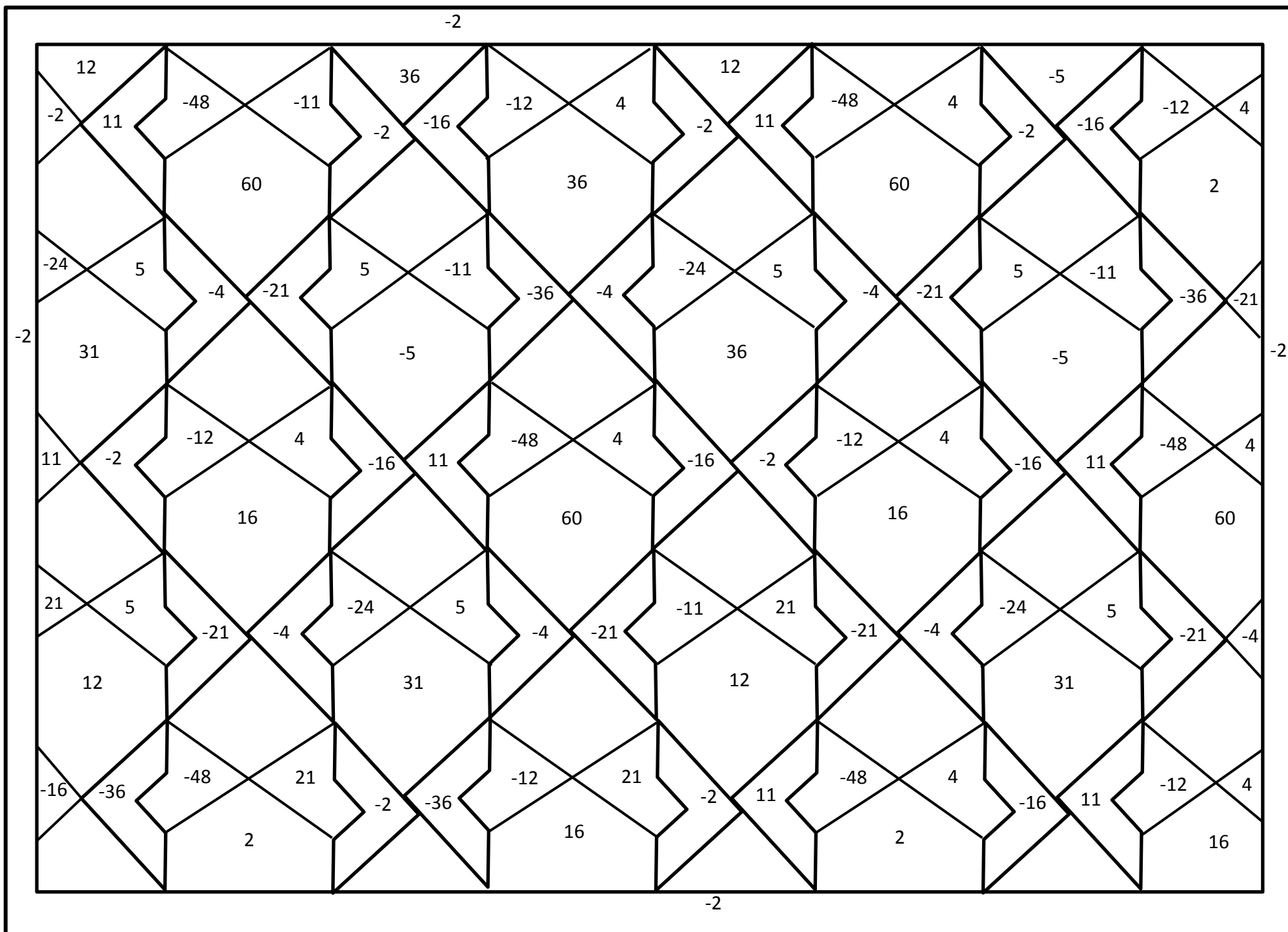


# Integer Operations Color by Number

**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



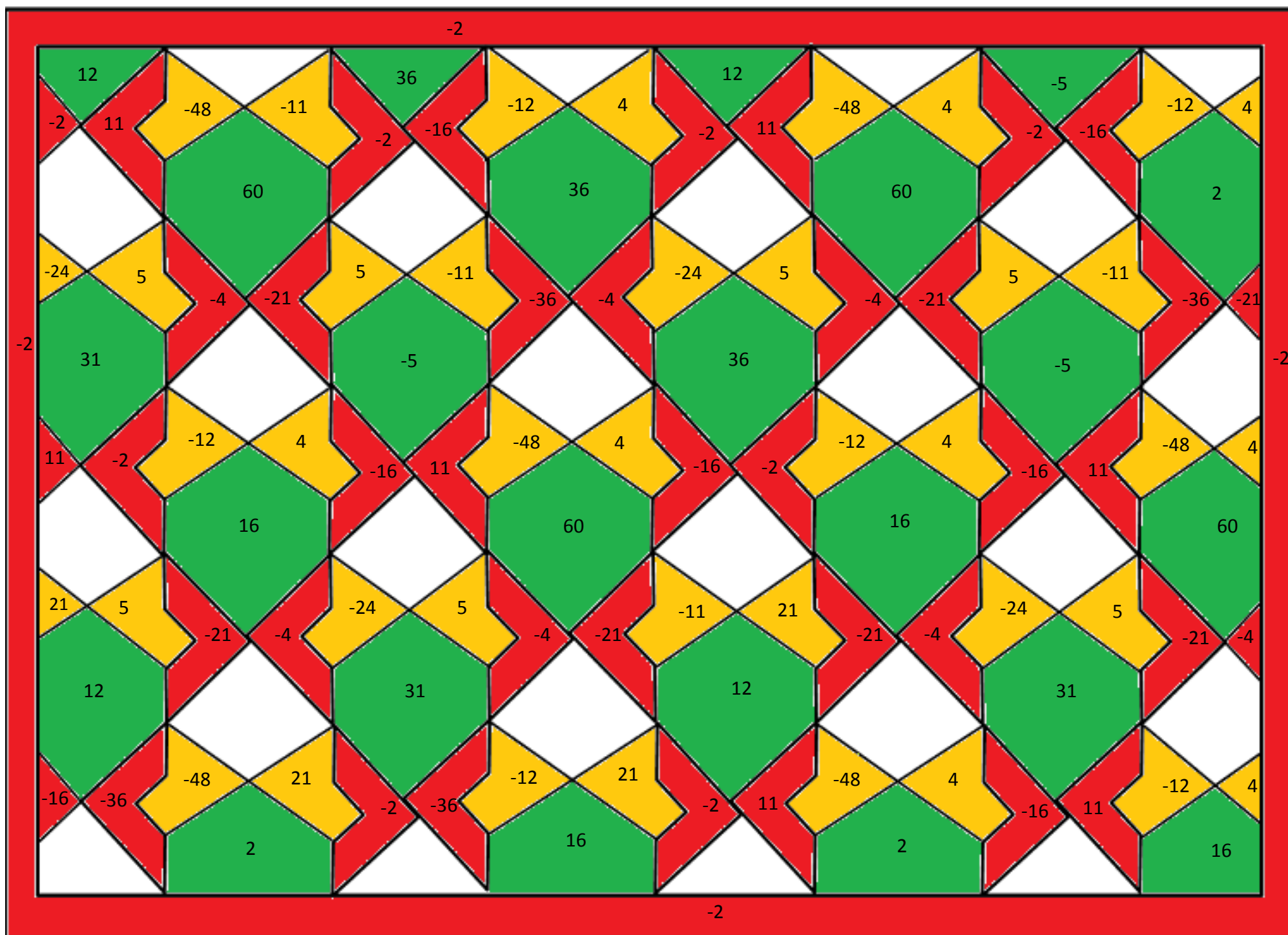


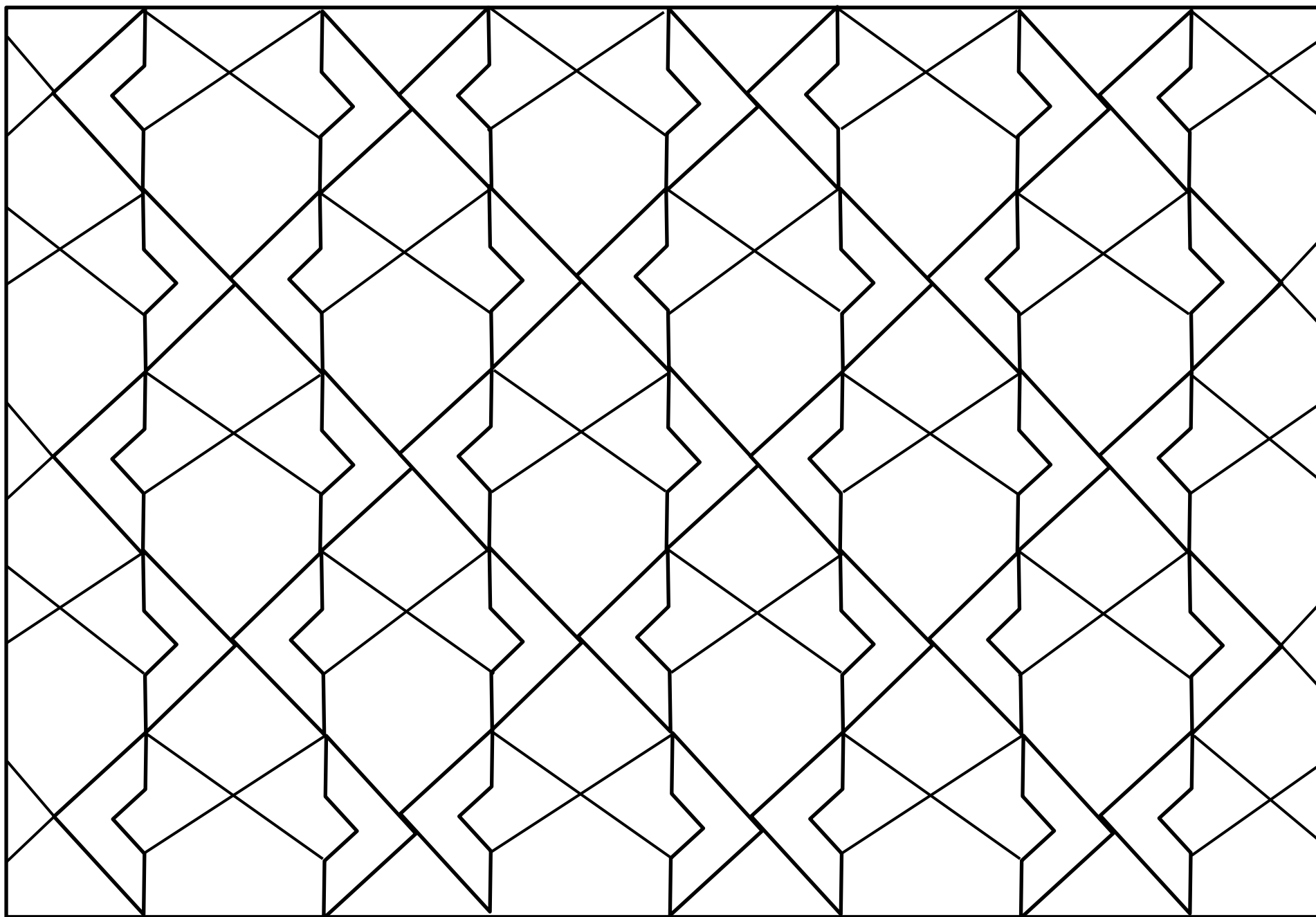
# Integer Operations Color by Number –Answer Key

**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 $-8 + 3$ <b>-5</b> Color this answer green.	2 $7 - (-14)$ <b>21</b> Color this answer gold.	3 $(-15)(-4)$ <b>60</b> Color this answer green.	4 $(-48) \div (-4)$ <b>12</b> Color this answer green.	5 $18 + (-30)$ <b>-12</b> Color this answer gold.
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## Integer Operations Color by Number – Answer Key





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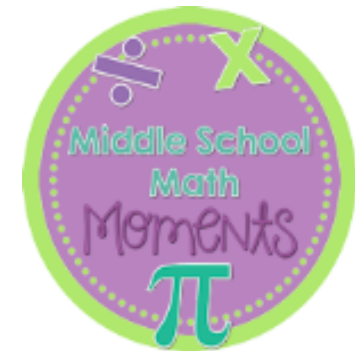
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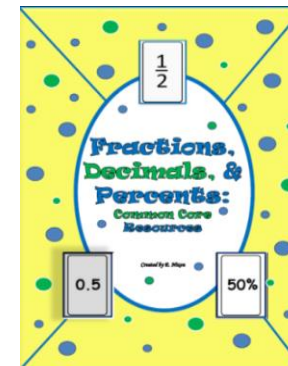
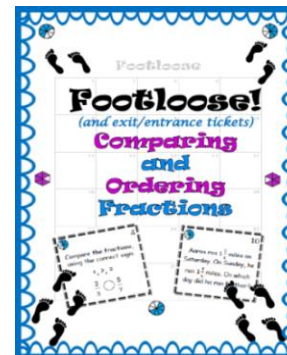
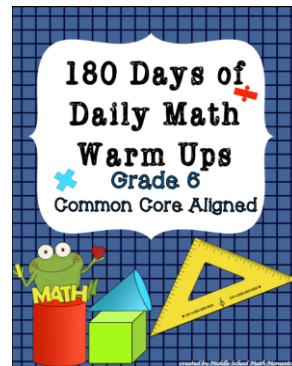
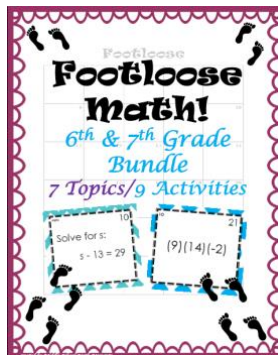
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