

COLOR-BY-ANSWER

To complete the printable, the students will solve each equation in the table. They will then choose the correct answer from the choices in the table. The answer they choose is assigned a color. They will color the number (assigned to the question or equation) using the color that matches the correct answer.

***The picture is the same for all three printables, but the math skills differ. Choose the best skill for your students at this time of the year.

The math skills are:

- Adding and Subtracting 2- and 3-Digit Numbers (3.NBT.2)
- Adding and Subtracting 6-Digit Numbers (4.NBT.4)
- Multiplying Multi-Digit Numbers by 1-Digit Numbers (4.NBT.5 and 5.NBT.5)

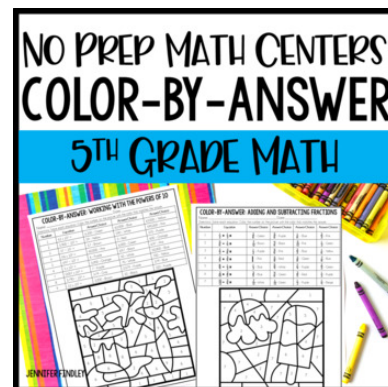
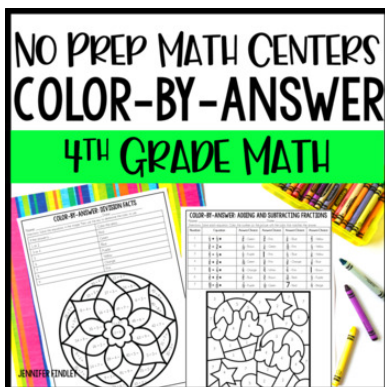
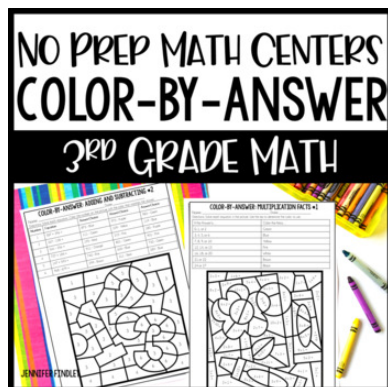
Accountability Tips

For accountability and to make sure that students don't just guess the correct colors, make sure that the students show their work on the backs of the papers or on separate pieces of paper.

Another option is to have them get their answers (and work) checked by you (or partners) and then color in their pictures.

WANT MORE?

Click on your grade level to see more color-by-answer math printables that are not seasonal.

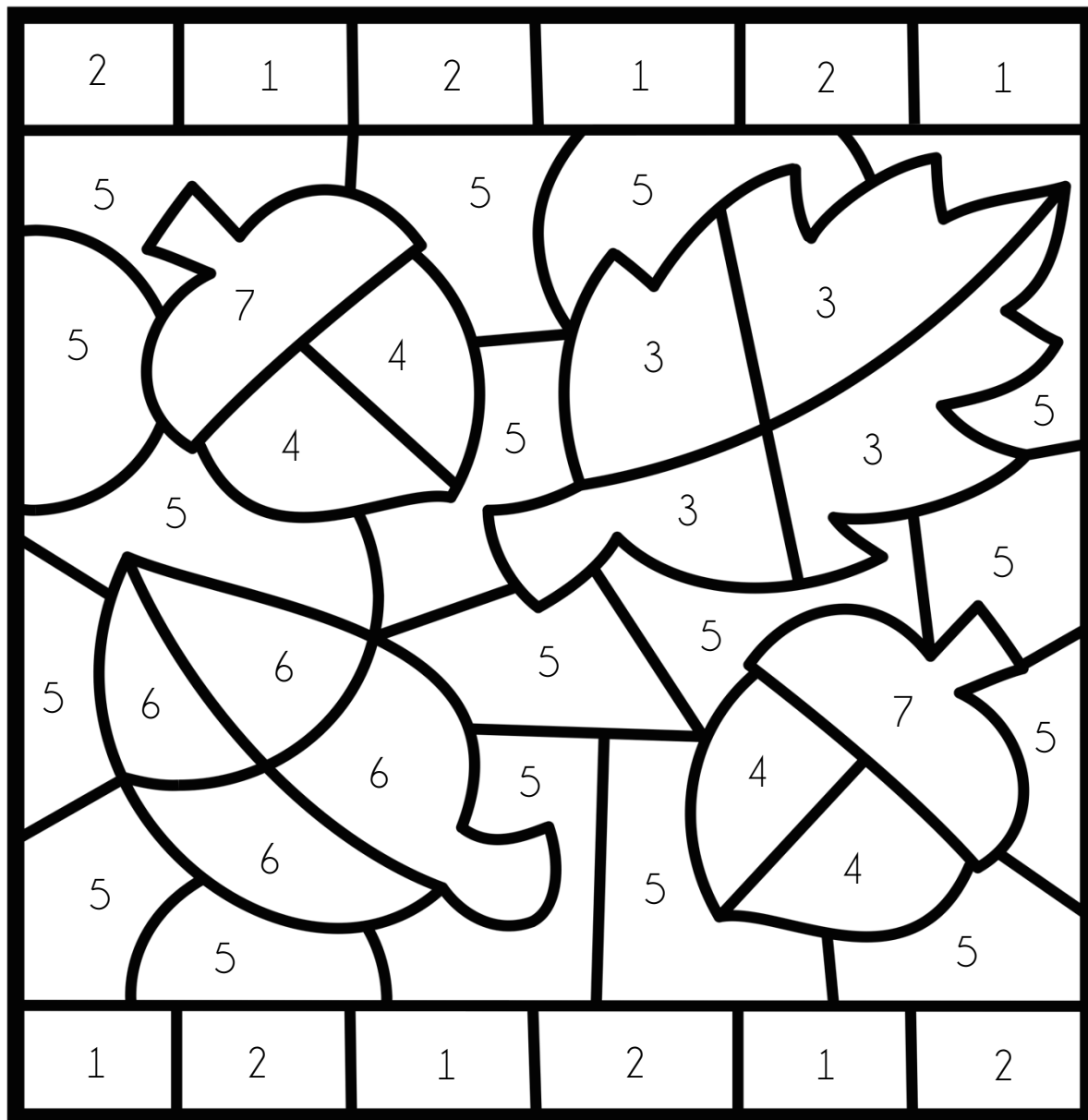


COLOR-BY-ANSWER: FALL

Name: _____ Date: _____

Directions: Determine the answer to the question. Color the number on the picture with the color that matches the answer.

Number	Equation	Answer Choice	Answer Choice	Answer Choice	Answer Choice
1	$378 + 22 =$	390 - Green	400 - Blue	490 - Pink	598 - Orange
2	$617 - 38 =$	237 - Brown	478 - Purple	621 - Blue	579 - Pink
3	$598 + 123 =$	721 - Orange	621 - Green	611 - Brown	711 - Yellow
4	$755 - 324 =$	441 - Green	331 - Black	430 - White	431 - Tan
5	$212 + 387 =$	698 - Brown	598 - Red	599 - Green	609 - Yellow
6	$586 - 473 =$	112 - Red	113 - Yellow	114 - Orange	213 - Brown
7	$347 + 332 =$	677 - Black	678 - Green	679 - Brown	680 - Orange

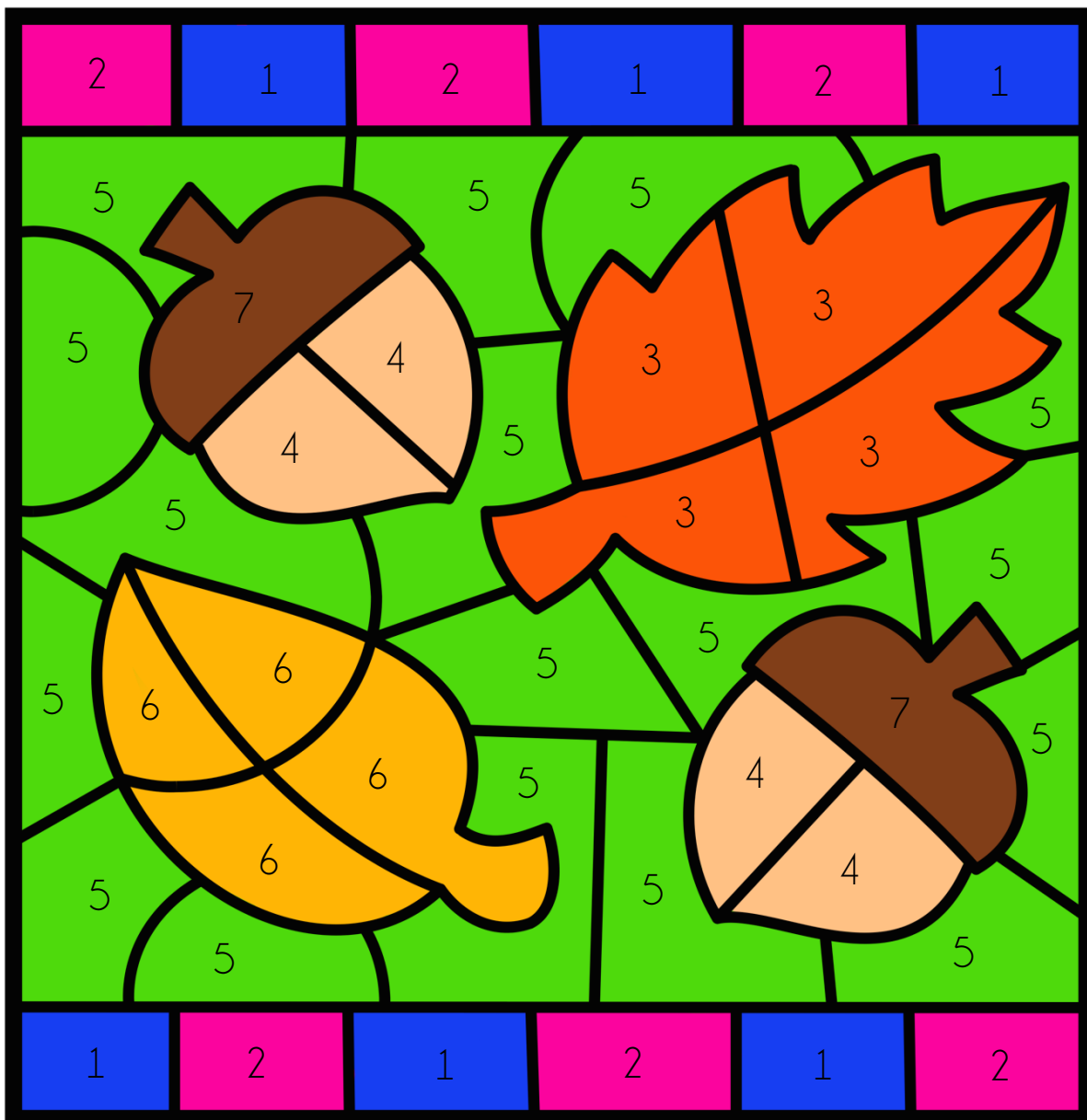


COLOR-BY-ANSWER: FALL

Name: Answer Key Date: _____

Directions: Determine the answer to the question. Color the number on the picture with the color that matches the answer.

Number	Equation	Answer Choice	Answer Choice	Answer Choice	Answer Choice
1	$378 + 22 =$	390 - Green	<u>400 - Blue</u>	490 - Pink	598 - Orange
2	$617 - 38 =$	237 - Brown	478 - Purple	621 - Blue	<u>579 - Pink</u>
3	$598 + 123 =$	<u>721 - Orange</u>	621 - Green	611 - Brown	711 - Yellow
4	$755 - 324 =$	441 - Green	331 - Black	430 - White	<u>431 - Tan</u>
5	$212 + 387 =$	698 - Brown	598 - Red	<u>599 - Green</u>	609 - Yellow
6	$586 - 473 =$	112 - Red	<u>113 - Yellow</u>	114 - Orange	213 - Brown
7	$347 + 332 =$	677 - Black	678 - Green	<u>679 - Brown</u>	680 - Orange

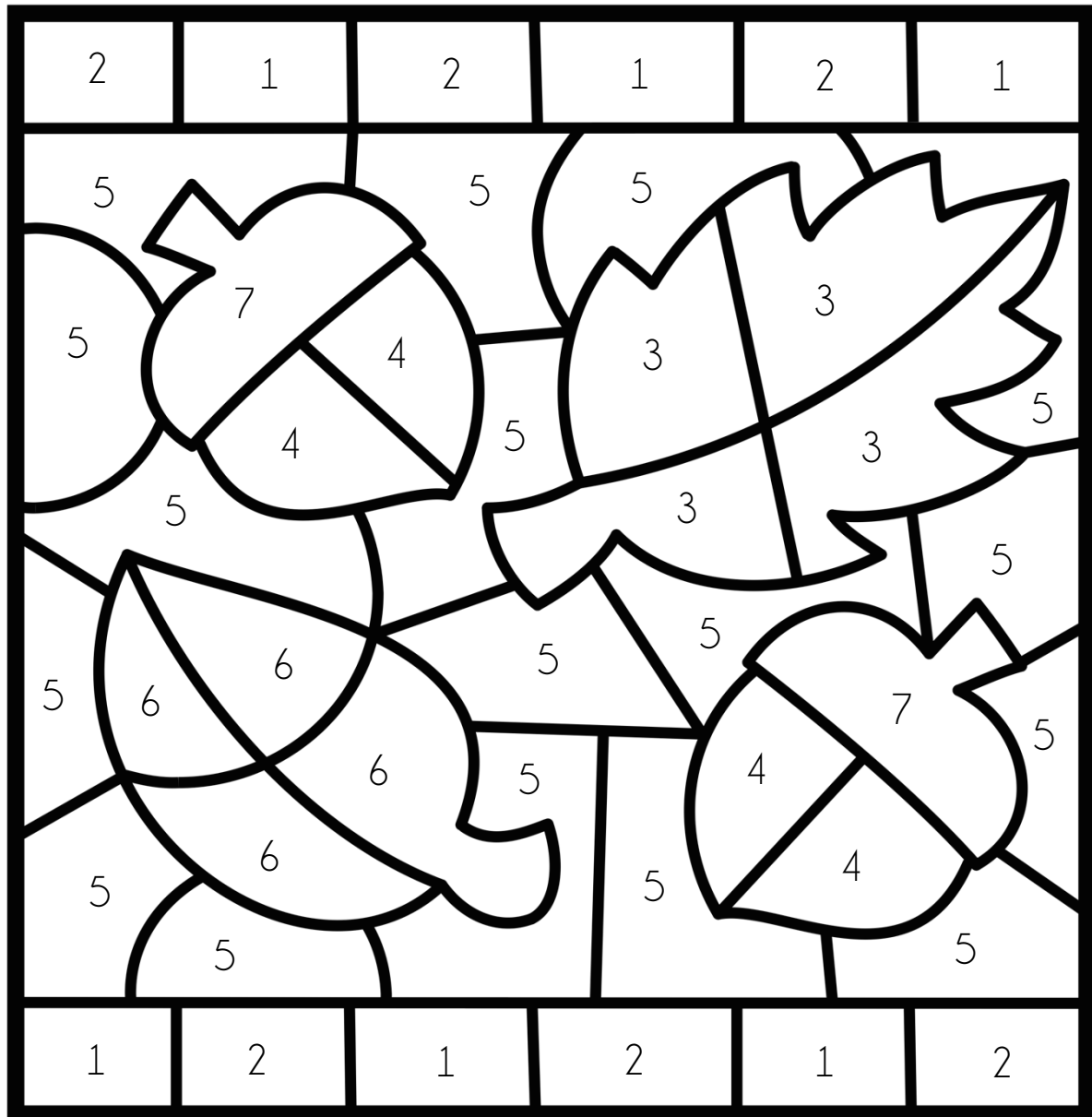


COLOR-BY-ANSWER: FALL

Name: _____ Date: _____

Directions: Determine the answer to the question. Color the number on the picture with the color that matches the answer.

Number	Equation	Answer Choice	Answer Choice	Answer Choice
1	$128,963 + 52,321 =$	181,284 - Blue	652,173 - Green	171,284 - Purple
2	$298,524 - 98,116 =$	200,412 - Green	201,402 - Blue	200,408 - Pink
3	$377,021 - 219,744 =$	162,723 - Brown	167,277 - Green	157,277 - Orange
4	$413,963 + 192,736 =$	505,699 - Black	606,699 - Tan	605,699 - Green
5	$202,249 + 687,004 =$	889,243 - Orange	889,253 - Green	888,523 - Yellow
6	$645,527 - 479,549 =$	165,978 - Yellow	234,022 - Orange	265,978 - Brown
7	$407,653 + 202,521 =$	609,174 - Green	610,174 - Brown	609,173 - Black

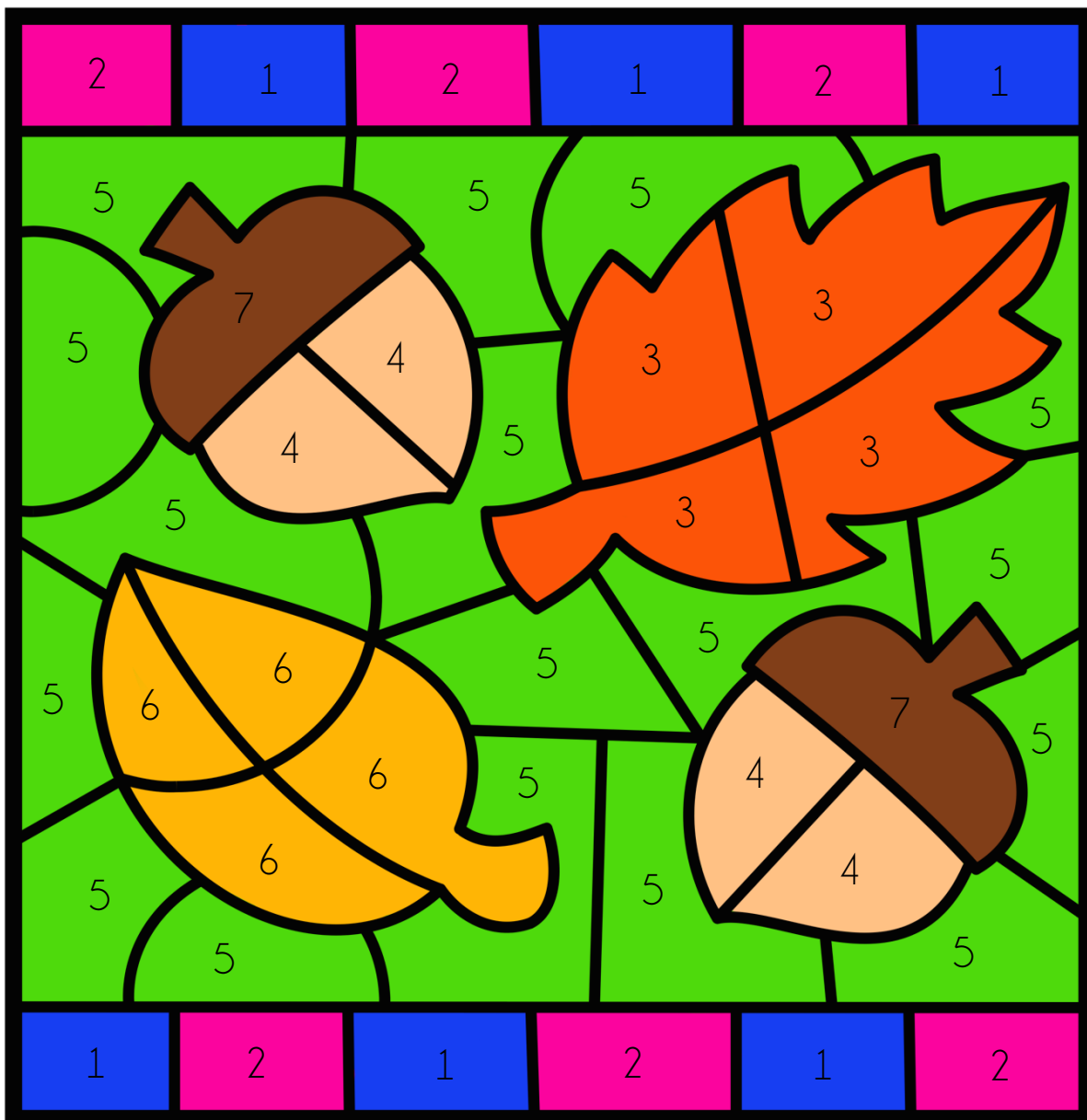


COLOR-BY-ANSWER: FALL

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2	$298,524 - 98,116 =$	200,412 - Green	201,402 - Blue	<u>200,408 - Pink</u>
3	$377,021 - 219,744 =$	162,723 - Brown	167,277 - Green	<u>157,277 - Orange</u>
4	$413,963 + 192,736 =$	505,699 - Black	<u>606,699 - Tan</u>	605,699 - Green
5	$202,249 + 687,004 =$	889,243 - Orange	<u>889,253 - Green</u>	888,523 - Yellow
6	$645,527 - 479,549 =$	<u>165,978 - Yellow</u>	234,022 - Orange	265,978 - Brown
7	$407,653 + 202,521 =$	609,174 - Green	<u>610,174 - Brown</u>	609,173 - Black

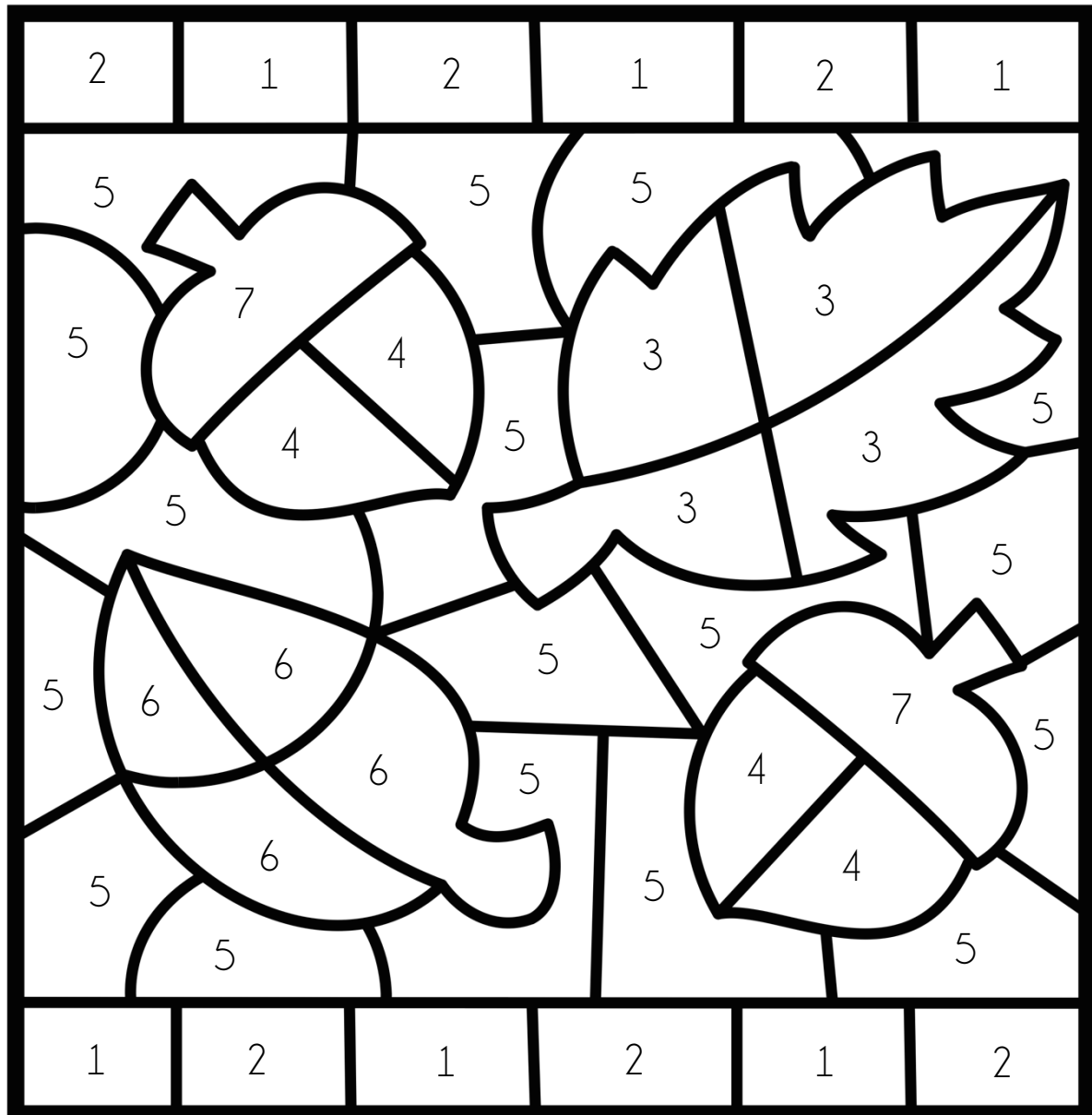


COLOR-BY-ANSWER: FALL

Name: _____ Date: _____

Directions: Determine the answer to the question. Color the number on the picture with the color that matches the answer.

Number	Equation	Answer Choice	Answer Choice	Answer Choice
1	$67 \times 4 =$	201 - Pink	268 - Blue	248 - Green
2	$59 \times 8 =$	413 - Purple	402 - Yellow	472 - Pink
3	$78 \times 7 =$	496 - Yellow	546 - Orange	468 - Brown
4	$197 \times 3 =$	591 - Tan	394 - White	508 - Black
5	$599 \times 9 =$	4,492 - Yellow	5,506 - Red	5,391 - Green
6	$487 \times 5 =$	2,430 - Red	2,005 - Brown	2,435 - Yellow
7	$1,523 \times 2 =$	3,046 - Brown	3,044 - Black	2,046 - Red

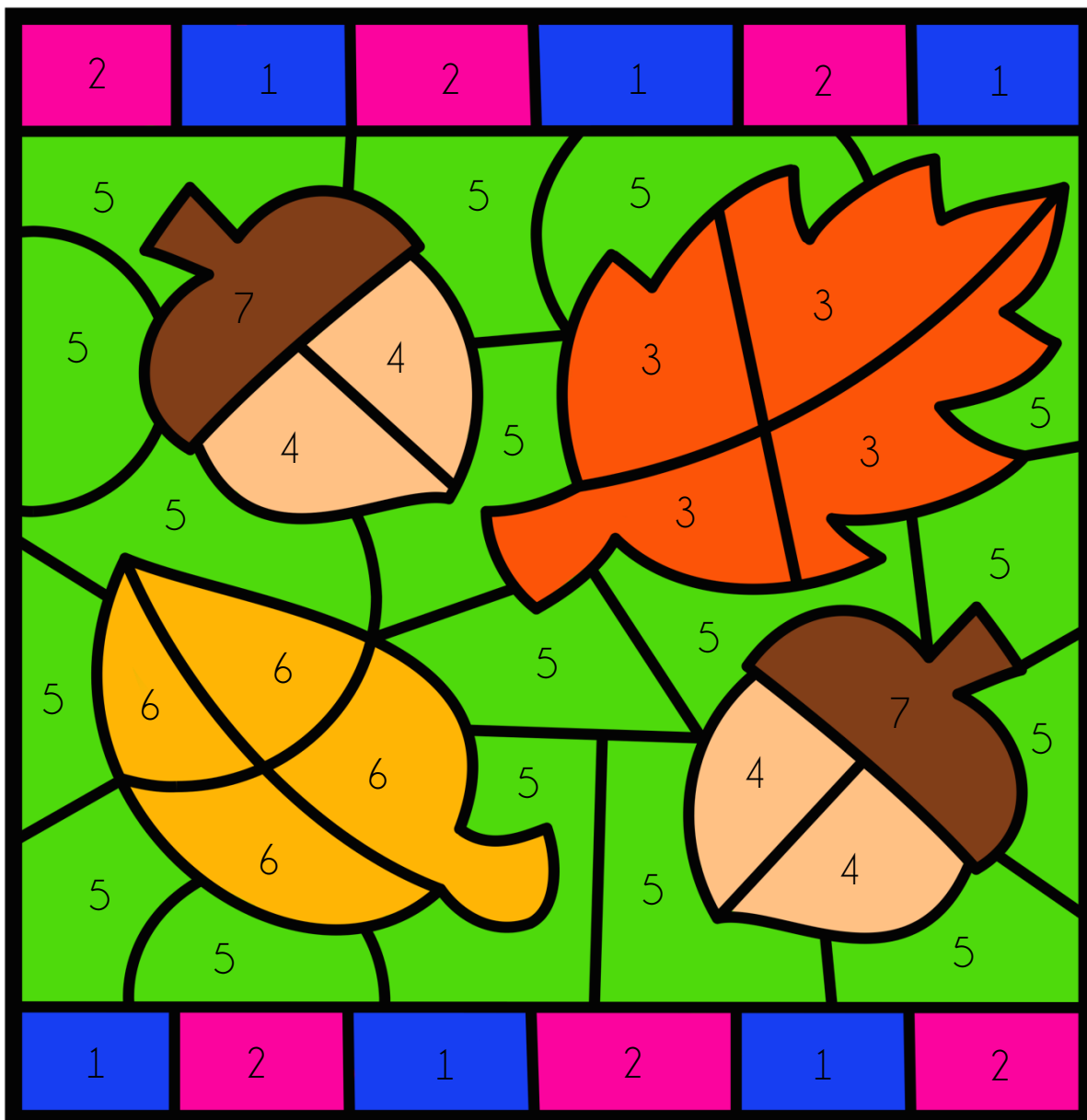


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Number	Equation	Answer Choice	Answer Choice	Answer Choice
1	$67 \times 4 =$	201 - Pink	<u>268 - Blue</u>	248 - Green
2	$59 \times 8 =$	413 - Purple	402 - Yellow	<u>472 - Pink</u>
3	$78 \times 7 =$	496 - Yellow	<u>546 - Orange</u>	468 - Brown
4	$197 \times 3 =$	<u>591 - Tan</u>	394 - White	508 - Black
5	$599 \times 9 =$	4,492 - Yellow	5,506 - Red	<u>5,391 - Green</u>
6	$487 \times 5 =$	2,430 - Red	2,005 - Brown	<u>2,435 - Yellow</u>
7	$1,523 \times 2 =$	<u>3,046 - Brown</u>	3,044 - Black	2,046 - Red



CODE MATH

To complete the printable, the students will solve equations or answer questions using graphics and a graphic key.

Each graphic on the printables represents or matches a number. The students are presented with equations or questions using the graphics. They must use the key to determine the numbers that represent the graphics and then solve the equations or answer the questions.

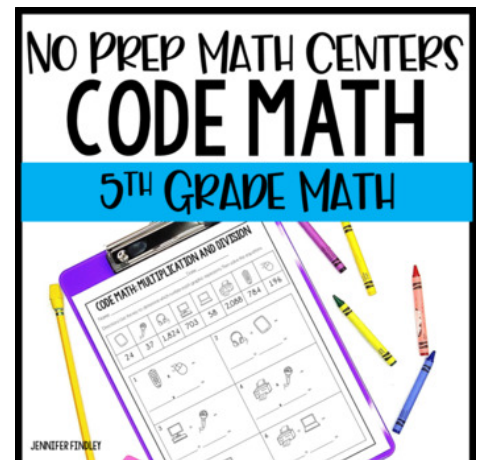
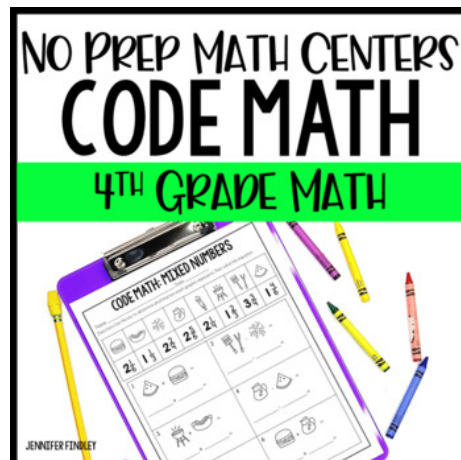
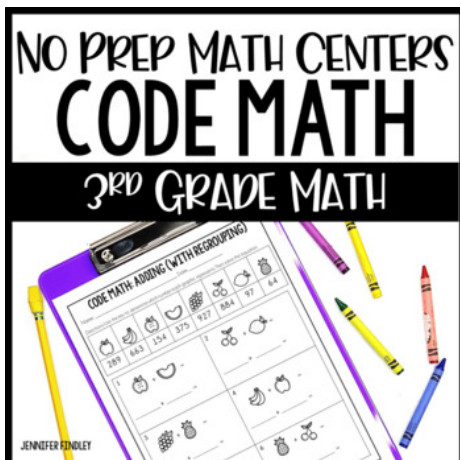
The graphics are the same for all three printables, but the math skills differ. Choose the best skill for your students at this time of the year.

The math skills are:

- Basic Multiplication Facts (3.OA.7)
- Dividing 2- and 3-Digit Numbers by 1-Digit Numbers (4.NBT.6)
- Rounding Decimals (5.NBT.4)

WANT MORE?









Click on your grade level to see more code math printables that are not seasonal.



CODE MATH: MULTIPLICATION FACTS

Name: _____ Date: _____

Directions: Use the key to determine which number each graphic represents. Solve the equation.

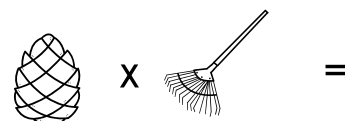
							
8	2	6	3	1	5	9	4

1



_____ x _____ =

2



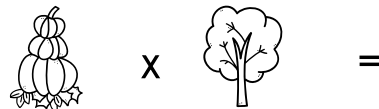
_____ x _____ =

3



_____ x _____ =

4



_____ x _____ =

5



_____ x _____ =

6






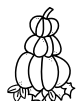




_____ x _____ =

CODE MATH: MULTIPLICATION FACTS

Name: Answer Key Date: _____

Directions: Use the key to determine which number each graphic represents. Solve the equation.

							
8	2	6	3	1	5	9	4

1

$$\text{Pumpkin} \times \text{Coffee cup} =$$

$$8 \times 6 = 48$$

2

$$\text{Egg} \times \text{Broom} =$$

$$2 \times 9 = 18$$

3

$$\text{Leaf} \times \text{Cart} =$$

$$1 \times 3 = 3$$

4

$$\text{Stack of pumpkins} \times \text{Tree} =$$

$$5 \times 4 = 20$$

5

$$\text{Tree} \times \text{Broom} =$$

$$4 \times 9 = 36$$

6









$$\text{Cart} \times \text{Pumpkin} =$$

$$3 \times 8 = 24$$

CODE MATH: DIVISION

Name: _____ Date: _____

Directions: Use the key to determine which number each graphic represents. Solve the equation.

							
26	114	54	4	3	104	6	8

1

$$\text{Pumpkin} \div \text{Leaf} =$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} =$$

2

$$\text{Pinecone} \div \text{Broom} =$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} =$$

3

$$\text{Stack of pumpkins} \div \text{Cart of pumpkins} =$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} =$$

4

$$\text{Stack of pumpkins} \div \text{Broom} =$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} =$$

5

$$\text{Pinecone} \div \text{Tree} =$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} =$$

6






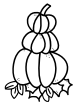


$$\text{Coffee cup} \div \text{Cart of pumpkins} =$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} =$$

CODE MATH: DIVISION

Name: Answer Key Date: _____

Directions: Use the key to determine which number each graphic represents. Solve the equation.

							
26	114	54	4	3	104	6	8

1

$$\text{Pumpkin} \div \text{Leaf} =$$

$$26 \div 3 = 8 \text{ R}2$$

2

$$\text{Pinecone} \div \text{Broom} =$$

$$114 \div 6 = 19$$

3

$$\text{Stack of pumpkins} \div \text{Cart of pumpkins} =$$

$$104 \div 4 = 26$$

4

$$\text{Stack of pumpkins} \div \text{Broom} =$$

$$104 \div 6 = 17 \text{ R}2$$

5

$$\text{Pinecone} \div \text{Tree} =$$

$$114 \div 8 = 14 \text{ R}2$$

6









$$\text{Coffee cup} \div \text{Cart of pumpkins} =$$

$$54 \div 4 = 13 \text{ R}2$$

CODE MATH: ROUNDING DECIMALS

Name: _____ Date: _____

Directions: Use the key to determine which number each graphic represents. Follow the directions in each box.

							
0.862	2.3	6.981	0.13	0.987	5.36	1.59	0.545

1. Round the decimal represented by the graphic to the hundredths place.



2. Round the decimal represented by the graphic to the tenths place.



3. Round the decimal represented by the graphic to the ones place.



4. Round the decimal represented by the graphic to the tenths place.



5. Round the decimal represented by the graphic to the hundredths place.



6. Round the decimal represented by the graphic to the ones place.



7. Round the decimal represented by the graphic to the hundredths place.








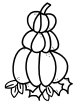


8. Round the decimal represented by the graphic to the tenths place.



CODE MATH: ROUNDING DECIMALS

Name: _____ Date: _____

Directions: Use the key to determine which number each graphic represents. Follow the directions in each box.

							
0.862	2.3	6.981	0.13	0.987	5.36	1.59	0.545

1. Round the decimal represented by the graphic to the hundredths place.



6.981 rounded to 6.98

2. Round the decimal represented by the graphic to the tenths place.



0.862 rounded to 0.9

3. Round the decimal represented by the graphic to the ones place.



2.3 rounded to 2

4. Round the decimal represented by the graphic to the tenths place.



5.36 rounded to 5.4

5. Round the decimal represented by the graphic to the hundredths place.



0.987 rounded to 0.99

6. Round the decimal represented by the graphic to the ones place.



1.59 rounded to 2

7. Round the decimal represented by the graphic to the hundredths place.



0.545 rounded to 0.55

8. Round the decimal represented by the graphic to the tenths place.



0.13 rounded to 0.1

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Thanks!
Jennifer Findley

