



Color by Code

Add & Subtract within 10 & 20

Name: _____

Directions: Color the picture using the code below.

Red Light 1, 12, 13, 22, 24	Yellow 3, 13, 20, 25, 36, 39	Purple 9, 16, 20, 43, 44, 82	Green Light 5, 18, 41, 45, 46, 49	Blue Light 19, 20, 52, 57, 58, 100
Red Dark 2, 4, 23, 38, 39	Orange 6, 14, 40, 45, 46, 49	Pink 8, 10, 17, 21, 37, 74	Green Dark 7, 15, 17, 21, 37, 48, 49	Blue Dark 15, 16, 30, 31, 37, 92, 94



Name: _____

Directions: Color the picture using the code below.

Red Light 8	Yellow 6	Purple 5	Green Light 9	Blue Light 10
Red Dark 0	Orange 1	Pink 2	Green Dark 7	Blue Dark 3, 4



2. Add to 10

Name: _____

Directions: Color the picture using the code below.

Red Light 0	Purple 4	Green Light 8	Blue Light 9
Red Dark 1	Pink 5	Green Dark 7	Blue Dark 10

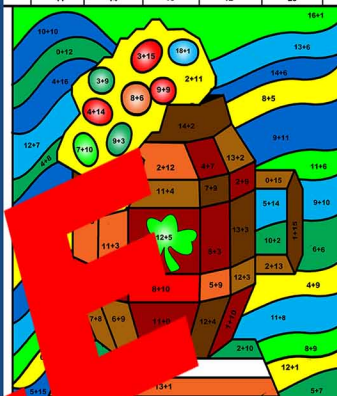


3. Subtract within 10

Name: _____

Directions: Color the picture using the code below.

Red Light 18	Yellow 13	Brown Light 15	Green Light 17	Blue Light 19
Red Dark 11	Orange 14	Brown Dark 16	Green Dark 12	Blue Dark 20

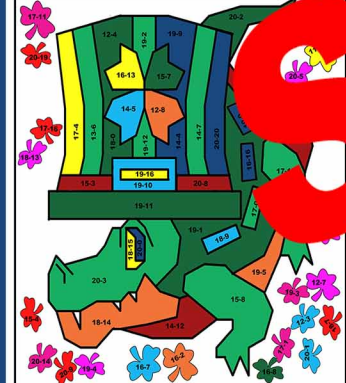


4. Add to 20

Name: _____

Directions: Color the picture using the code below.

Yellow 3, 13	Purple 5, 15	Green Light 7, 17	Blue Light 9, 19
Orange 4, 14	Pink 6, 16	Green Dark 8, 18	Blue Dark 10, 20

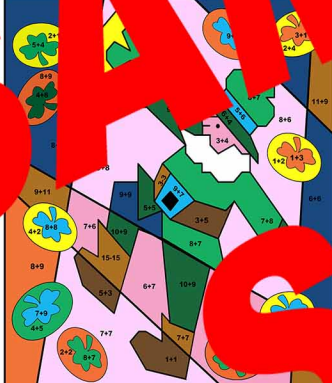


5. Subtract within 20

Name: _____

Directions: Color the picture using the code below.

Brown Light 0, 20	Purple 5, 14	Green Light 7, 17	Blue Light 9, 19
Brown Dark 2, 8	Pink 6, 13	Green Dark 10, 16	Blue Dark 11, 18



6. Doubles, Doubles + 1 & 2

Name: _____

Directions: Color the picture using the code below.

Purple 15	Green Light 17	Blue Light 19
Pink 16	Green Dark 18	Blue Dark 20



7. Add 3 Numbers to 20

Name: _____

Directions: Color the picture using the code below.

Red Light 0, 100	Yellow 20	Purple 40	Blue Light 80
Red Dark 10	Orange 30	Brown Dark 60	Blue Dark 90



8. Add & Subtract Multiples of 10

St. Patrick's Day Math Facts

St. Patrick's Day Color by Code

Add and Subtract within 10 & 20

This St. Patrick's Day theme Addition and Subtraction within 10 & 20 Unit includes 8 Sets of individual worksheets. Each set includes a student's version and a teacher's version. There are over 400 problems in all. Students really need to work the math to figure out each color. Use for St. Patrick's Day, or any time of the year. Prep Free! Differentiated!

- **Set 1: Number Words 0 to 100**
- **Set 2: Add to 10**
- **Set 3: Subtract within 10**
- **Set 4: Add to 20**
- **Set 5: Subtract within 20**
- **Set 6: Doubles, Double+1, Double+2**
- **Set 7: Add 3 Numbers to 20**
- **Set 8: Add and Subtract Multiples of 10**

Name: _____

Color by Code with Answers

Directions: Color the picture using the code below.

Red Light 1,12,31,32,34	Yellow 3,13,30,35,36,39	Purple 9,16,25,38	Green Light 11,40,49	Blue Light 10,25,37,48
Red Dark 2,4,53,56,59	Orange 8,14,40,65	Pink 6,10,19,20,10	Green Dark 7,11,18,83,88,89	Blue Dark 11,80,90,93,97,92,94

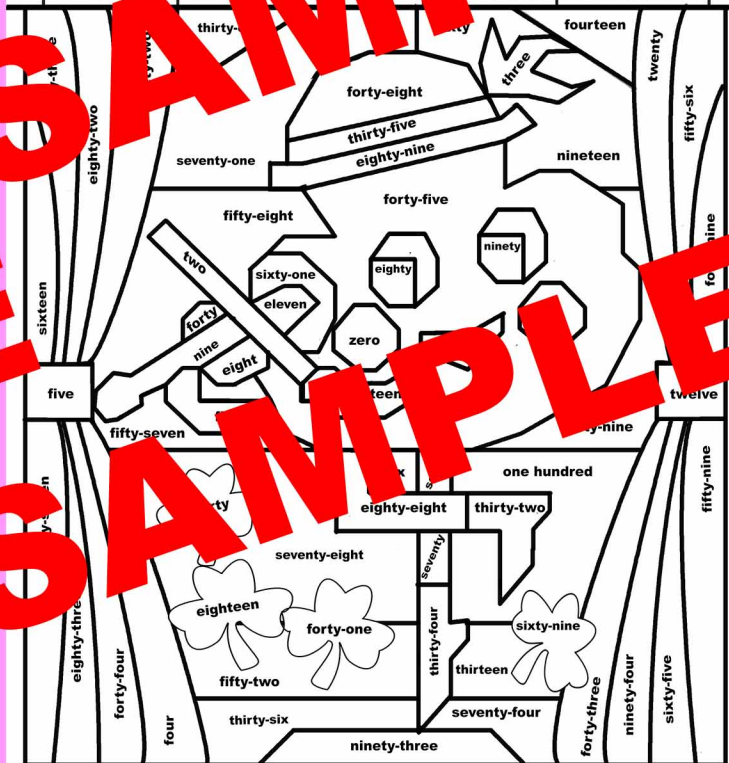
**1. Number Words 0 to 100**

Name: _____

Color by Code

Directions: Color the picture using the code below.

Red Light 1,12,31,32,34	Yellow 3,13,30,35,36,39	Purple 9,16,25,38	Green Light 11,40,49	Blue Light 10,25,37,48
Red Dark 2,4,53,56,59	Orange 8,14,40,65	Pink 6,10,19,20,10	Green Dark 7,11,18,83,88,89	Blue Dark 11,80,90,93,97,92,94

**1. Number Words 0 to 100**

Name: _____

Color by Code with Answers

Directions: Color the picture using the code below.

Brown Light 0,20	Yellow 3,6	Purple 5,14	Green Light 9,15	Blue Light 11,16
Brown Dark 2,8	Orange 4,17	Pink 7,13	Green Dark 10,19	Blue Dark 12,18

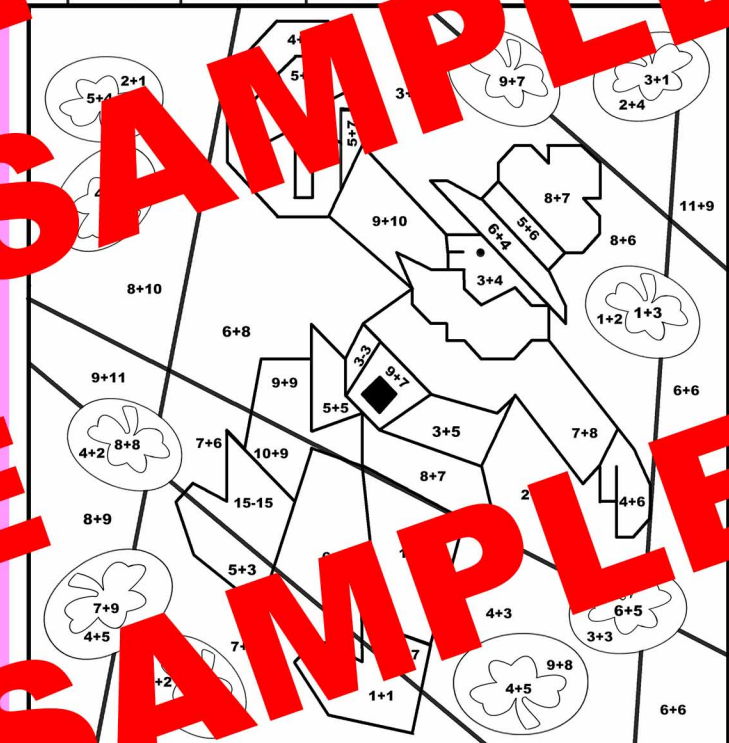
**2. Doubles, Doubles + 1 & 2**

Name: _____

Color by Code

Directions: Color the picture using the code below.

Brown Light 0,20	Yellow 3,6	Purple 5,14	Green Light 9,15	Blue Light 11,16
Brown Dark 2,8	Orange 4,17	Pink 7,13	Green Dark 10,19	Blue Dark 12,18

**2. Doubles, Doubles + 1 & 2**

Directions: Color the picture using the code below.

Red Light 8	Yellow 6	Purple 5	Green Light 9	Blue Light 10
Red Dark 0	Orange 1	Pink 2	Green Dark 7	Blue Dark 3



2. Address 10

Directions: Color the picture using the code below.

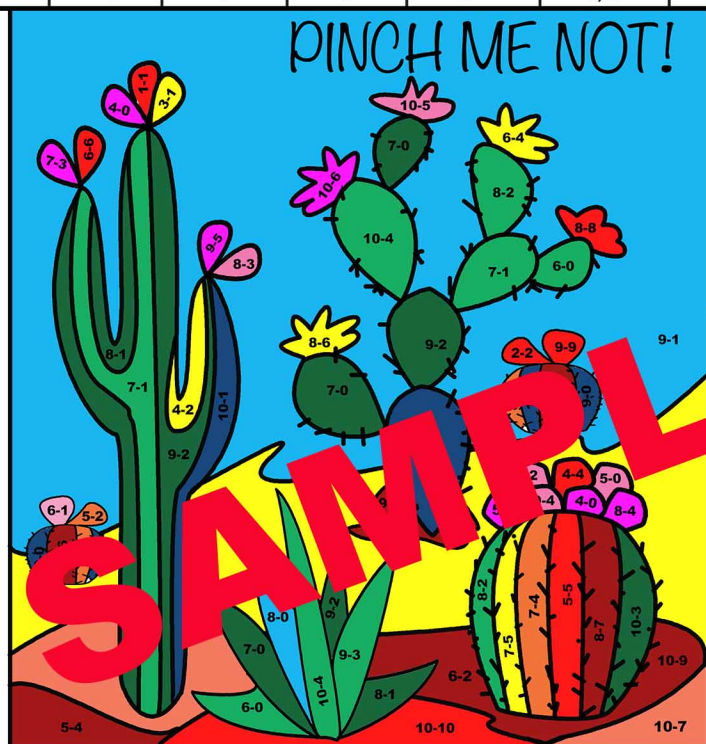
Red Light 8	Yellow 6	Purple 5	Green Light 9	Blue Light 10
Red Dark 0	Orange 1	Pink 2	Green Dark 7	Blue Dark 3,4



2. Add 10

Directions: Color the picture using the code below.

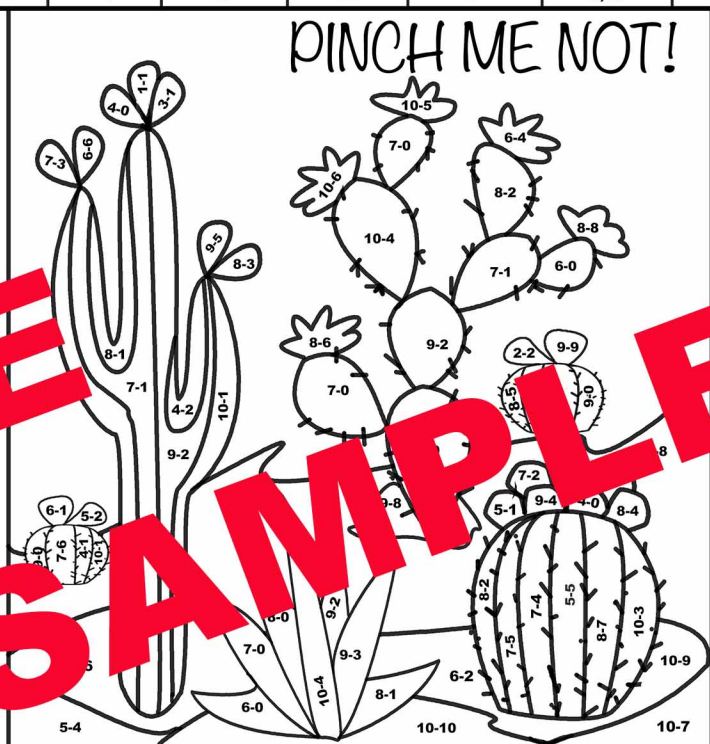
Red Light 0	Yellow 2	Purple 4	Green Light 6	Blue Light 8
Red Dark 1	Orange 3	Pink 5	Green Dark 7	Blue Dark 9,10



3. Subtract within 10

Directions: Color the picture using the code below.

Red Light 0	Yellow 2	Purple 4	Green Light 6	Blue Light 8
Red Dark 1	Orange 3	Pink 5	Green Dark 7	Blue Dark 9,10



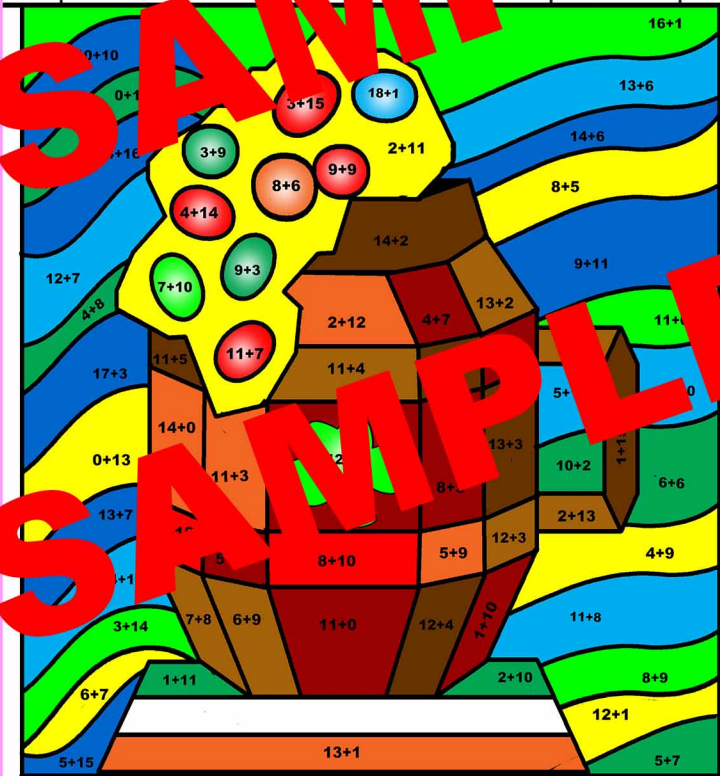
3. Subtract within 10

Name:

Color by Code

Directions: Color the picture using the code below.

Red Light 18	Yellow 13	Brown Light 17	Green Light 17	Blue Light 17
Red Dark 11	Orange 14	Brown Dark 17	Green Dark 12	Blue Dark 20



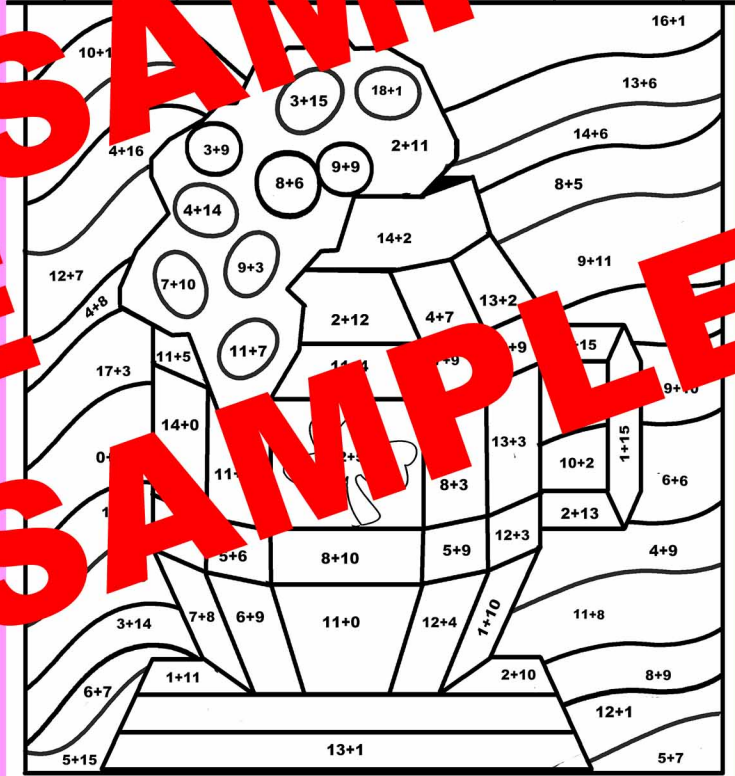
4. Add to 20

Name:

Color by Code

Directions: Color the picture using the code below.

Red Light 18	Yellow 13	Brown Light 17	Green Light 17	Blue Light 17
Red Dark 11	Orange 14	Brown Dark 17	Green Dark 12	Blue Dark 20



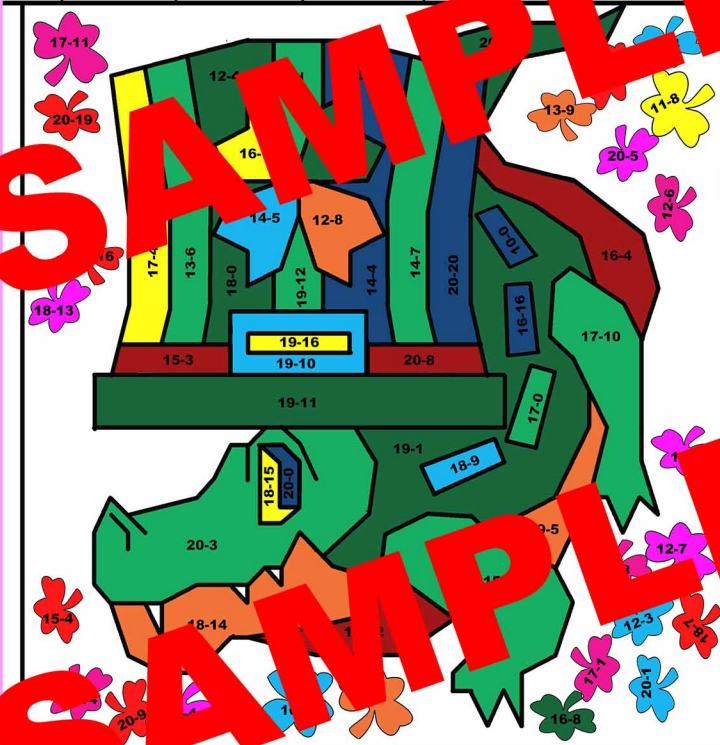
4. Add to 20

Name:

Color by Code with Answers

Directions: Color the picture using the code below.

Red Light 1,11	Yellow 3,13	Purple 5,15	Green Light 7,17	Blue Light 9,19
Red Dark 2,12	Orange 4,14	Pink 6,16	Green Dark 8,18	Blue Dark 0,10,20



5. Subtract within 20

Name:

Color by Code

Directions: Color the picture using the code below.

Red Light 1,11	Yellow 3,13	Purple 5,15	Green Light 7,17	Blue Light 9,19
Red Dark 2,12	Orange 4,14	Pink 6,16	Green Dark 8,18	Blue Dark 0,10,20



5. Subtract within 20

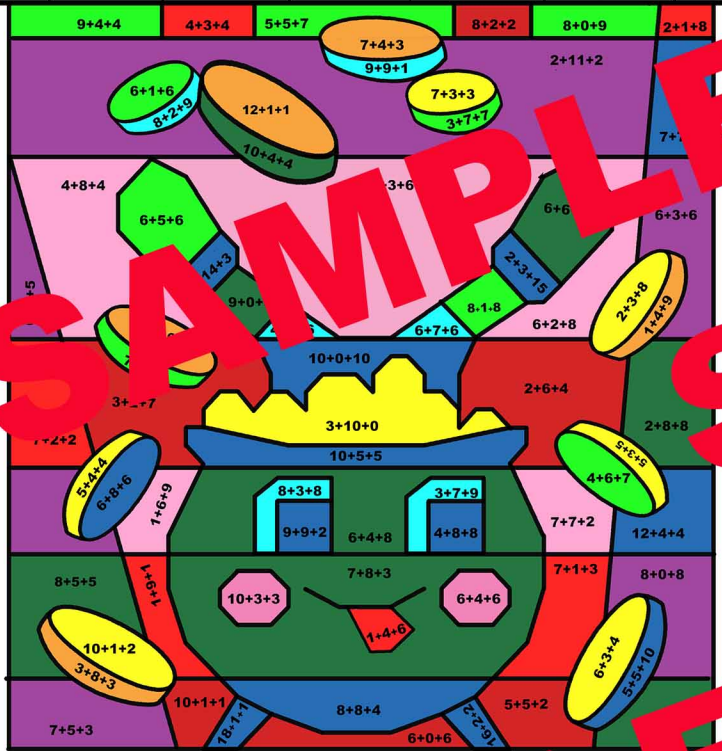
Name: _____

Color by Code with Answers

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Directions: Color the picture using the code below.

Red Light 11	Yellow 13	Purple 15	Green Light 17	Blue Light 19
Red Dark 12	Orange 14	Pink 16	Green Dark 18	Blue Dark 20

**7. Add 3 Numbers to 20**

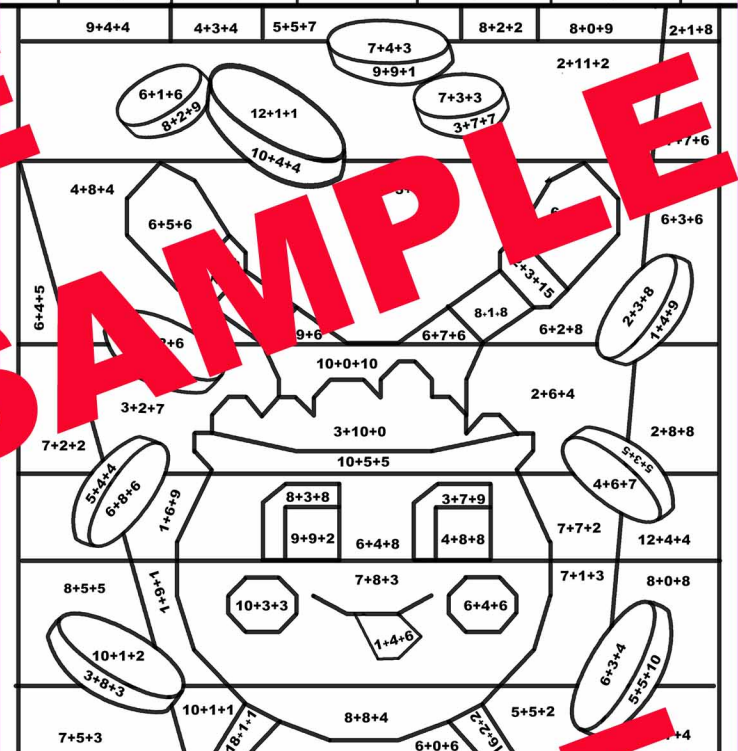
Name: _____

Color by Code

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Directions: Color the picture using the code below.

Red Light 11	Yellow 13	Purple 15	Green Light 17	Blue Light 19
Red Dark 12	Orange 14	Pink 16	Green Dark 18	Blue Dark 20

**7. Add 3 Numbers to 20**

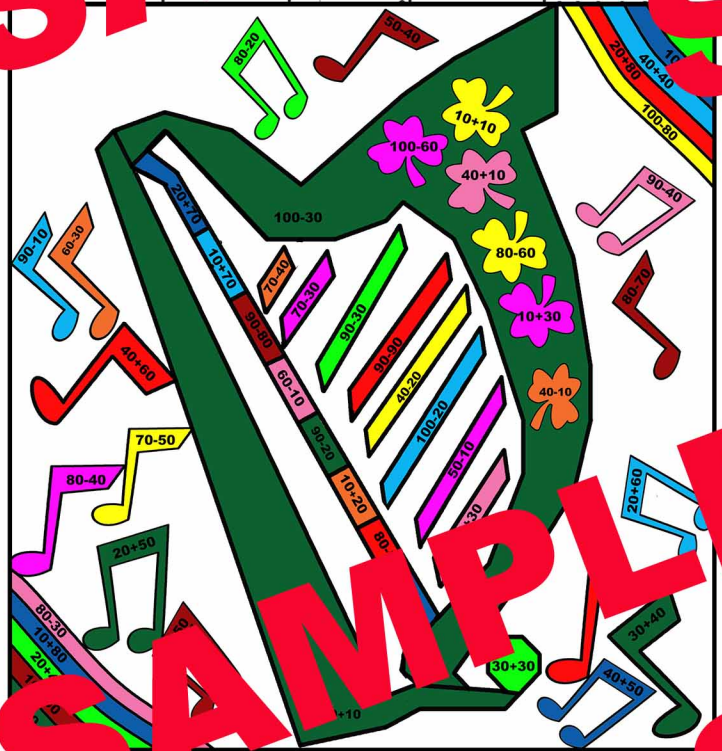
Name: _____

Color by Code with Answers

© Qiang Ma

Directions: Color the picture using the code below.

Red Light 0	Yellow 20	Purple 40	Green Light 60	Blue Light 80
Red Dark 10	Orange 30	Pink 50	Green Dark 70	Blue Dark 90

**8. Add & Subtract Multiples of 10**

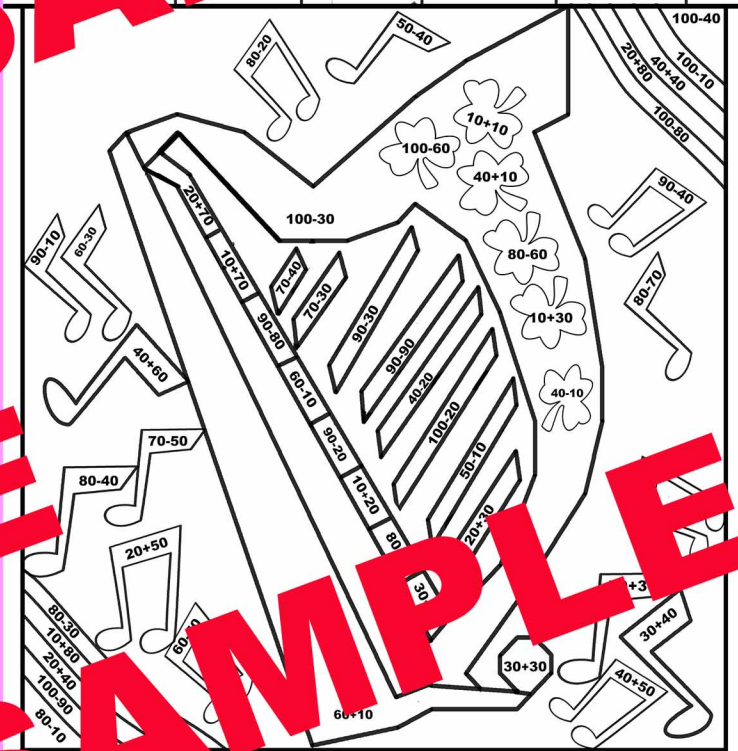
Name: _____

Color by Code

© Qiang Ma

Directions: Color the picture using the code below.

Red Light 0	Yellow 20	Purple 40	Green Light 60	Blue Light 80
Red Dark 10	Orange 30	Pink 50	Green Dark 70	Blue Dark 90

**8. Add & Subtract Multiples of 10**

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