



Color by Code

Add & Subtract within 10 & 20

Name: _____

Color by Code with Answers

Directions: Color the picture using the code below.

Red Light	Yellow	Purple	Green Light	Blue Light
1,10,12,24	3,13,26,30,68	9,16,20,22	5,18,50,74	19,60,99,100
Red Dark	Orange	Pink	Green Dark	Blue Dark
2,4,39	14,38,40,41,59	6,67,79,88,92	7,15,17,27,70	0,8,11,40,80,90

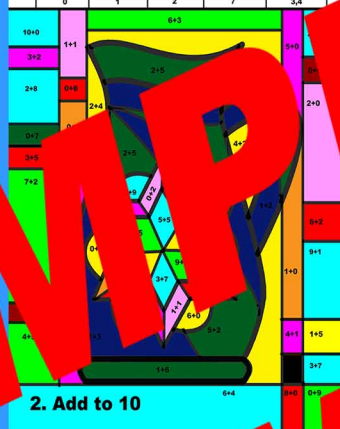


Name: _____

Color by Code with Answers

Directions: Color the picture using the code below.

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

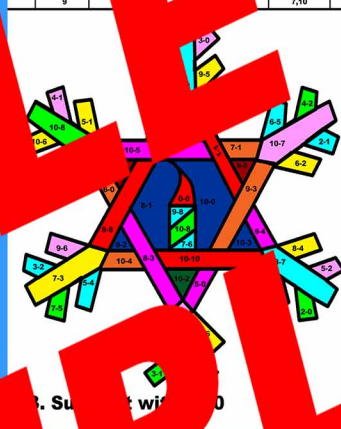


Name: _____

Color by Code with Answers

Directions: Color the picture using the code below.

Red Light	Yellow	Purple	Green Light	Blue Light
0	13	5	17	1
Red Dark	Orange	Pink	Green Dark	Blue Dark
9	14	16	12	19



Name: _____

Color by Code with Answers

Directions: Color the picture using the code below.

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

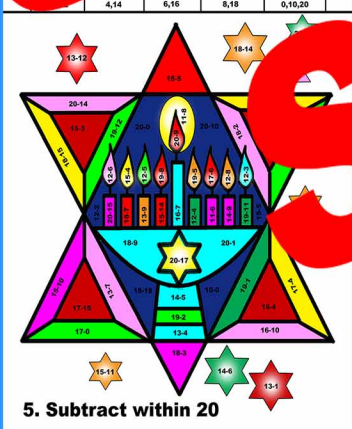


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Color by Code with Answers

Directions: Color the picture using the code below.

Red Light	Yellow	Purple	Green Light	Blue Light
0,10,12,24	3,13,26,30,68	9,16,20,22	5,18,50,74	19,60,99,100
Red Dark	Orange	Pink	Green Dark	Blue Dark
2,4,39	14,38,40,41,59	6,67,79,88,92	7,15,17,27,70	0,8,11,40,80,90

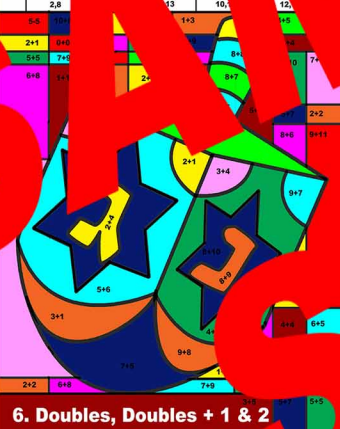


Name: _____

Color by Code with Answers

Directions: Color the picture using the code below.

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



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Directions: Color the picture using the code below.

Red Light	Yellow	Purple	Green Light	Blue Light
0	13	5	17	1
Red Dark	Orange	Pink	Green Dark	Blue Dark
9	14	16	12	19



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Color by Code with Answers

Directions: Color the picture using the code below.

Red Light	Yellow	Purple	Green Light	Blue Light
0,10,12,24	3,13,26,30,68	9,16,20,22	5,18,50,74	19,60,99,100
Red Dark	Orange	Pink	Green Dark	Blue Dark
2,4,39	14,38,40,41,59	6,67,79,88,92	7,15,17,27,70	0,8,11,40,80,90



Hanukkah Math Facts

Hanukkah Color by Code

Add and Subtract within 10 & 20

This Hanukkah 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. Students really need to work the math to figure out each color. Use for Hanukkah, 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**

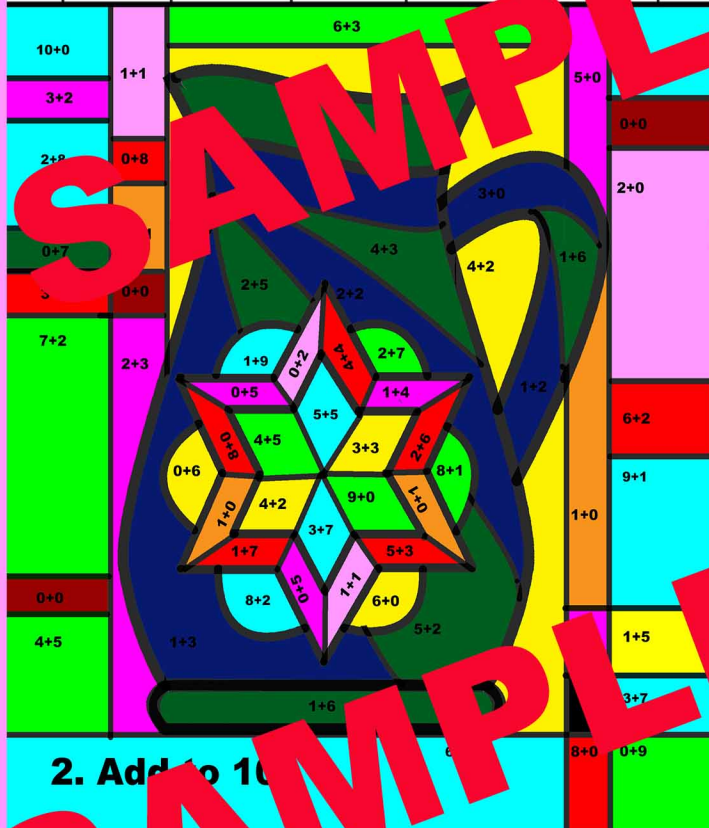
Name: _____

Color by Code with Answers

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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**

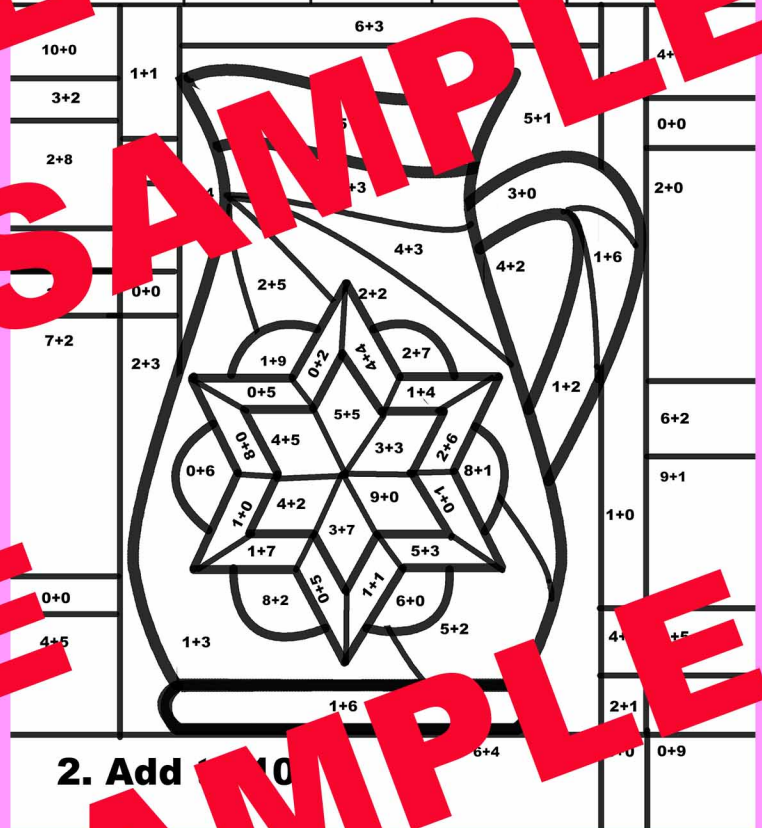
Name: _____

Color by Code

© Qiang Ma

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**

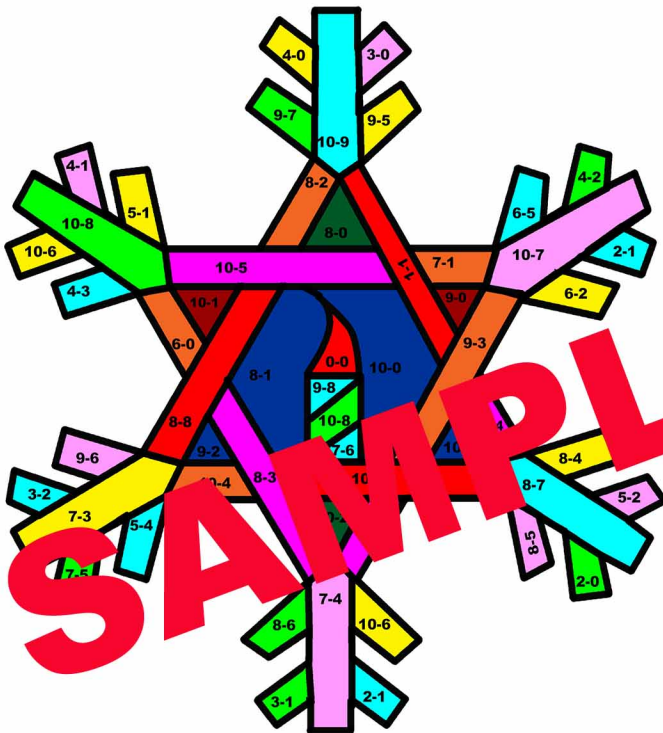
Name: _____

Color by Code with Answers

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Directions: Color the picture using the code below.

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

**3. Subtract within 10**

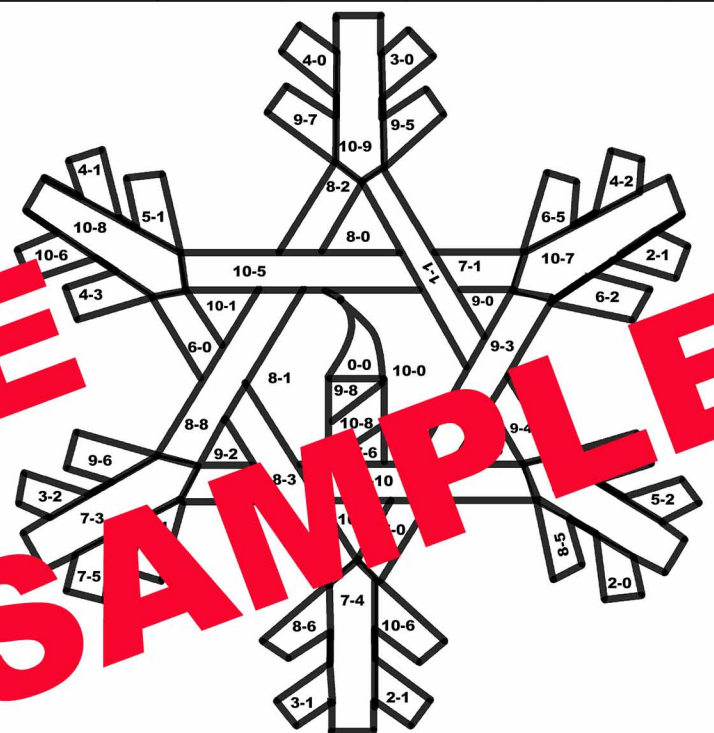
Name: _____

Color by Code

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Directions: Color the picture using the code below.

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

**3. Subtract within 10**

Name: _____

Color by Code with Answers

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Directions: Color the picture using the code below.

Red Light 18	Yellow 13	Pink 10	Green Light 11	Blue Light 12
Red Dark 11	Orange 14	Purple 15	Green Dark 13	Blue Dark 20

**4. Add to 20**

Name: _____

Color by Code

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Directions: Color the picture using the code below.

Red Light 18	Yellow 13	Pink 10	Green Light 11	Blue Light 12
Red Dark 11	Orange 14	Purple 15	Green Dark 13	Blue Dark 20

**4. Add to 20**

Name: _____

Color by Code with Answers

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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**

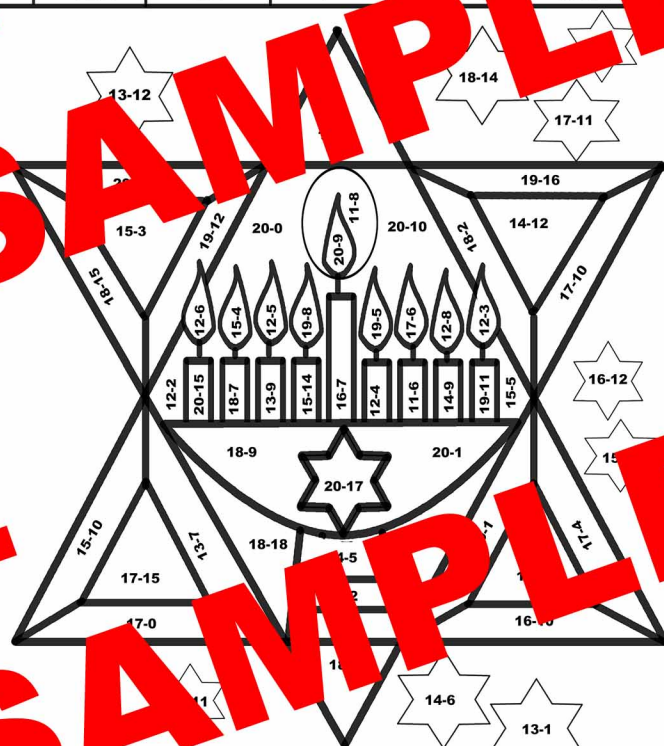
Name: _____

Color by Code

© Qiang Ma

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

Directions: Color the picture using the code below.

Red Light 1,10,12,24	Yellow 3,13,26,30,68	Purple 9,14	Green Light 11,16	Blue Light 11,16
Red Dark 2,4,9,5	Orange 14,38,40,41	Pink 7,13	Green Dark 10,15	Blue Dark 12,18

1. Number Words 0 to 100

Name: _____

Color by Code

Directions: Color the picture using the code below.

Red Light 1,10,12,24	Yellow 3,13,26,30,68	Purple 9,14	Green Light 11,16	Blue Light 11,16
Red Dark 2,4,9,5	Orange 14,38,40,41	Pink 7,13	Green Dark 10,15	Blue Dark 12,18

1. Number Words 0 to 100

Name: _____

Color by Code with Answers

Directions: Color the picture using the code below.

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

2. Doubles, Doubles + 1 & 2

Name: _____

Color by Code

Directions: Color the picture using the code below.

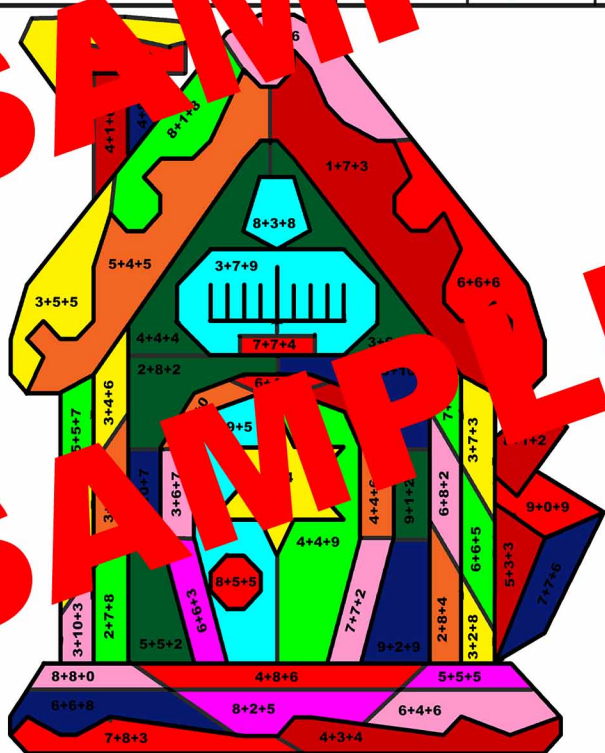
Red Light 0,20	Yellow 3,6	Purple 5,14	Green Light 9,15	Blue Light 11,16
Red Dark 2,8	Orange 4,17	Pink 7,13	Green Dark 10,15	Blue Dark 12,18

2. Doubles, Doubles + 1 & 2

© Qian

Directions: Color the picture using the code below.

Red Light 18	Yellow 13	Purple 17	Green Light 17	Blue Light 17
Red Dark 11	Orange 14	Dark Purple 14	Dark Green 14	Dark Blue 10



7. Add 3 Numbers to 20

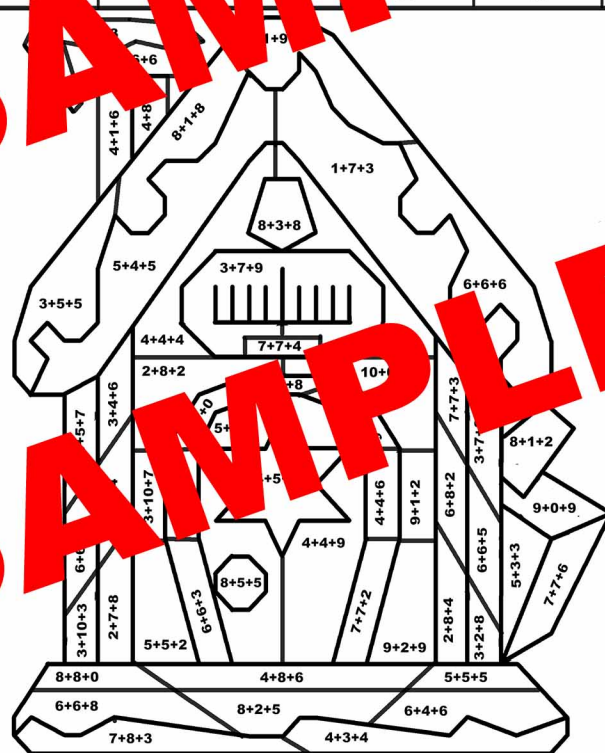
Name: _____

Color by Code

12

Directions: Color the picture using the code below.

Red Light 18	Yellow 12	Blue 12	Green Light 12	Blue 12
Red Dark 12	Orange 12	Yellow 12	Green Dark 12	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 0,100	Yellow 20	Green 40	Brown Light 60	Blue Light 80
Red Dark 10	Orange 30	Pink 50	Brown Dark 70	Blue Dark 90



8. Add & Subtract Multiples of 10

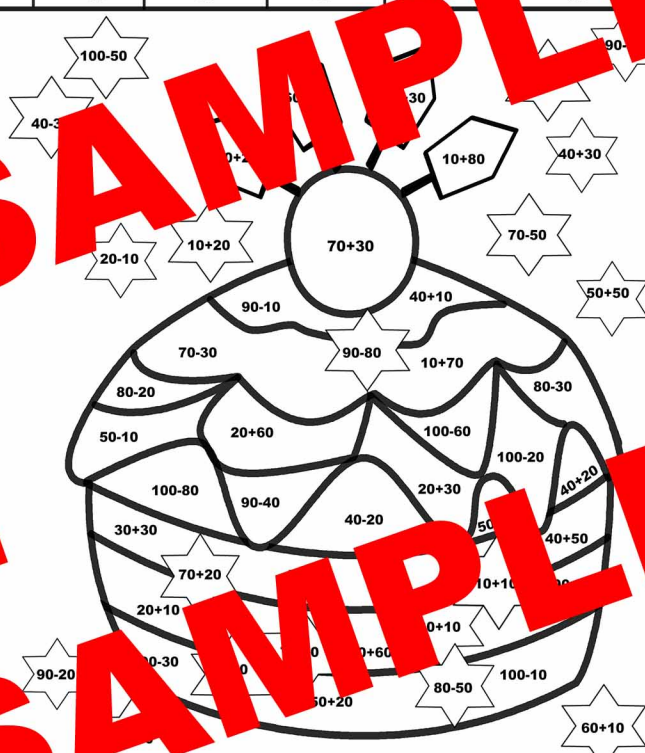
Name: _____

Color by Code

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Directions: Color the picture using the code below.

Red Light 0,100	Yellow 20	Green 40	Brown Light 60	Blue Light 80
Red Dark 10	Orange 30	Pink 50	Brown Dark 70	Blue Dark 90



2. Add & Subtract Multiples of 10

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Credits

I draw all the clipart myself for all the products in my store.

Thank you so much and I hope you enjoy this lesson.

