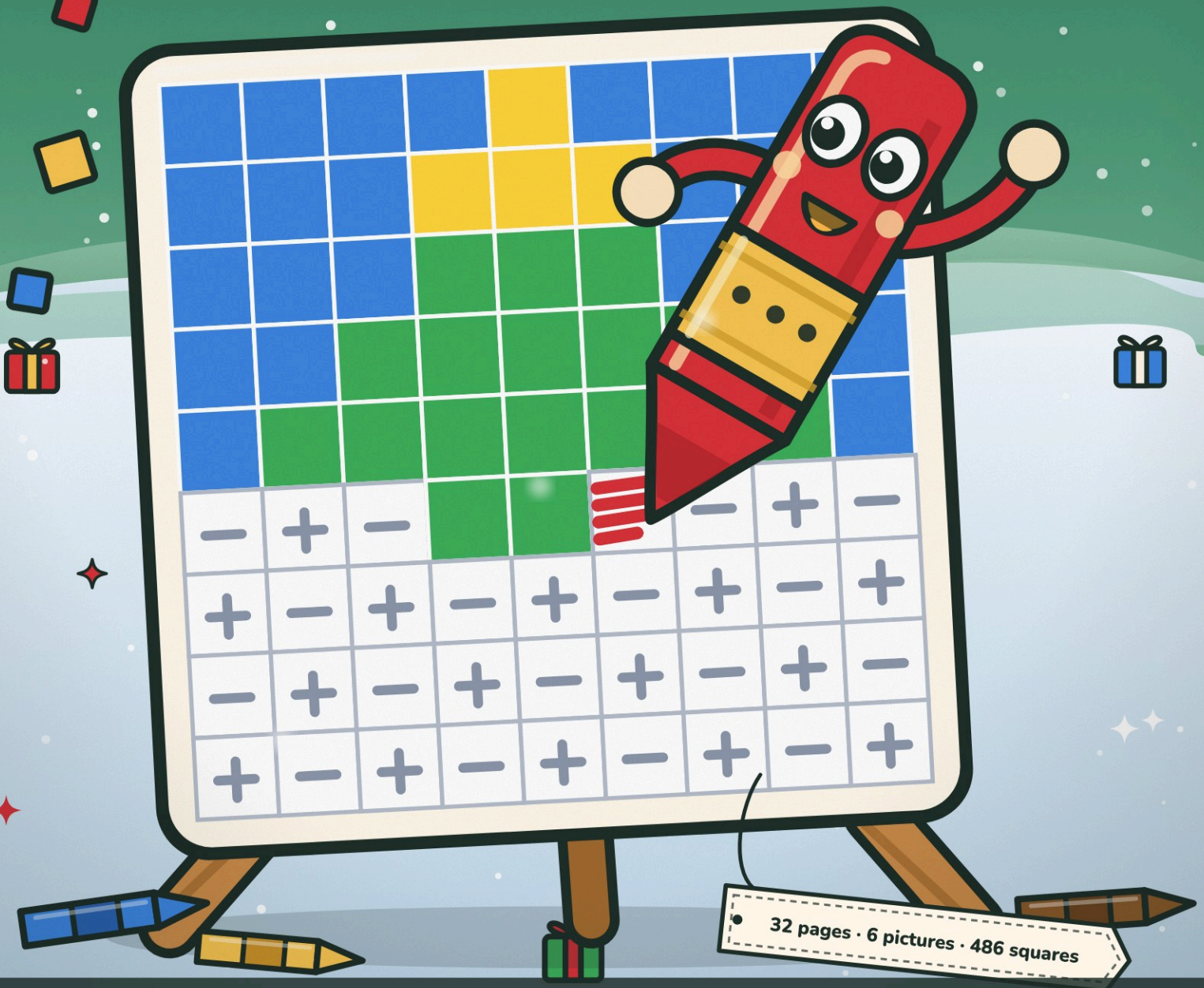
Christmas Color by Number

SOLVE IT · COLOR IT · REVEAL IT

FACTS
K–2



32 pages · 6 pictures · 486 squares

Kindergarten · 1st · 2nd Grade

by Bright Path Sped

START HERE

QUICK START

One complete kit for practicing addition and subtraction facts by coloring: the child solves a problem, finds the answer in the key, colors the square, and a picture shows up. Every student answer is colored or written in pencil or crayon, so no student page needs scissors or glue. The pictures are ordinary objects (a star, a gift, an ornament, a tree, a bell, a stocking) — no Santa, no elf, no character.

THREE STEPS

1. **Do the practice tree together**
   Page 6 is the one student page that shows how it works: solve the problem, find the answer in the key, color the box. A small tree is hiding in the squares. Do it side by side before anything else.

2. **Get Ready, then reveal the picture**
   Each of the 6 Christmas mystery pictures has two pages: Get Ready (one problem for each answer in that picture's key, written out, pages 7, 9, 11, 13, 15, 17) and the Mystery Picture itself (pages 8, 10, 12, 14, 16, 18). The dots on the name line say how big the key is: one dot is 2 or 3 colors, two dots is 4, three dots is 5.

3. **Check it, record it, send it home**
   The answer keys are pages 22 and 23. Date each picture on the tracker (page 24), roll the group up on page 25, and send the home page (27). A filled example is on page 28.

WHICH PAGE, WHEN

WHEN…	USE…
Meeting color by number for the first time	Practice tree, page 6, then Mystery Picture 1 (one dot)
Needs the facts in hand before coloring	Get Ready, pages 7, 9, 11, 13, 15, 17
Ready to solve and color a full picture	Mystery Pictures, pages 8, 10, 12, 14, 16, 18
Ready to solve one problem and color one picture	Solve and Color, pages 19, 20
Ready to write what the picture is	Name the Picture, page 21
Writing a progress note or a note home	Team note, page 26 · phrase bank, page 29

Everything inside (32 pages)

- **6 mystery pictures**, each a 9 x 9 grid, a problem in every square (486 squares) and a color key
- **16 student pages**: practice tree, 6 Get Ready, 6 Mystery Pictures, 2 Solve and Color (12 problems), 1 Name the Picture
- **3 pictures within 10, 3 within 20**: adding, subtracting, then both
- **2 answer keys**, tracker, class grid, team note, home page, filled example, phrase bank
- **1 binder cover, 6 divider tabs** and a spine label, cut along the dashed lines

Before you print

Crayons or markers work best. The color names are printed in the key, so the pages still work when photocopied in black and white. Page 4 shows what each page type asks and how the facts are chosen.

LOOK HOW IT WORKS

My name: _____ Date .....

Solve. Find the answer. Color the box.

1 3 + 2

Solve the problem.

2 blue 5 7

Find the answer in the key.

3 3 + 2

Color the box.

Now you try. A picture is hiding!

green 4 5 6

purple 2 3 7

1 + 2	1 + 6	3 + 2	6 + 1	4 + 3
1 + 1	4 + 1	1 + 3	1 + 4	5 + 2
2 + 2	3 + 1	1 + 5	3 + 3	5 + 1
4 + 3	6 + 1	2 + 3	1 + 1	2 + 5
5 + 2	2 + 1	4 + 2	3 + 4	2 + 1

PICTURE 1

GET READY 1

My name: _____ Date .....

Solve each problem. Write the answer.

blue

1 + 1 = ☐

1 + 8 = ☐

5 + 3 = ☐

3 + 7 = ☐

yellow

2 + 1 = ☐

2 + 3 = ☐

6 + 1 = ☐

1 + 3 = ☐

1 + 5 = ☐

PICTURE 1 MYSTERY PICTURE 1

My name: _____ Date .....

Solve each problem. Color its box like the key.

- blue: 2 8 9 10
- yellow: 3 4 5 6 7

5 + 3	2 + 6	1 + 8	7 + 2	2 + 3	7 + 2	8 + 1	6 + 2	3 + 7
6 + 3	5 + 4	1 + 7	1 + 3	2 + 2	4 + 1	2 + 7	3 + 7	8 + 2
8 + 2	3 + 5	9 + 1	2 + 1	1 + 5	6 + 1	4 + 5	1 + 8	7 + 1
6 + 1	1 + 4	3 + 1	1 + 5	2 + 5	5 + 2	2 + 3	5 + 1	3 + 4
7 + 3	4 + 2	2 + 2	4 + 2	3 + 4	1 + 3	4 + 1	3 + 2	1 + 1
4 + 4	9 + 1	2 + 1	1 + 4	3 + 1	1 + 2	5 + 1	1 + 1	3 + 6
6 + 4	4 + 5	3 + 3	4 + 1	2 + 4	4 + 3	2 + 4	3 + 5	2 + 8
1 + 9	4 + 3	1 + 3	3 + 3	6 + 3	1 + 6	5 + 2	1 + 6	4 + 6
4 + 6	3 + 2	1 + 2	5 + 3	6 + 2	5 + 5	1 + 2	2 + 5	1 + 7

PICTURE 5 MYSTERY PICTURE 5

My name: _____ Date .....

Solve each problem. Color its box like the key.

- purple: 1 5 9 12 15
- red: 3 7
- yellow: 2 6 10 14 17
- brown: 4 11

13 – 4	15 – 10	10 – 9	2 – 1	14 – 9	6 – 1	5 – 4	15 – 6	9 – 8
7 – 6	18 – 6	12 – 5	11 – 2	13 – 1	19 – 10	9 – 2	19 – 4	15 – 3
10 – 1	11 – 10	6 – 3	10 – 3	5 – 2	8 – 5	7 – 4	10 – 5	20 – 8
18 – 9	20 – 5	19 – 7	13 – 7	18 – 1	3 – 1	8 – 3	17 – 5	17 – 2
12 – 3	12 – 7	20 – 6	18 – 8	12 – 6	7 – 1	20 – 10	16 – 1	9 – 4
4 – 3	6 – 5	11 – 1	19 – 2	14 – 4	6 – 4	10 – 4	16 – 4	17 – 8
14 – 2	20 – 3	8 – 2	16 – 10	11 – 9	19 – 9	17 – 3	16 – 2	11 – 6
13 – 3	8 – 6	19 – 5	4 – 2	12 – 10	11 – 5	16 – 6	9 – 7	15 – 1
13 – 8	18 – 3	14 – 5	16 – 5	14 – 10	10 – 6	8 – 7	3 – 2	7 – 2

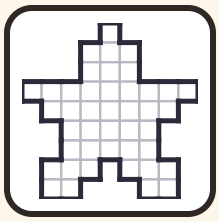
SET 1 SOLVE AND COLOR 1

My name: _____ Date .....

Solve. Color the picture like the key.

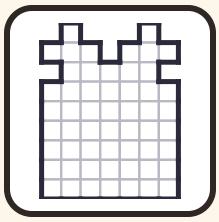
red	4	8
blue	5	7
green	3	9

1



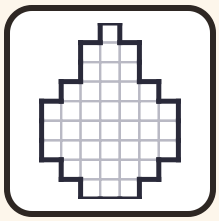
6 + 2 = ☐

2



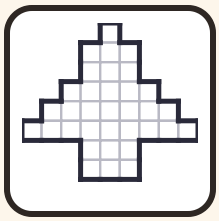
9 − 4 = ☐

3



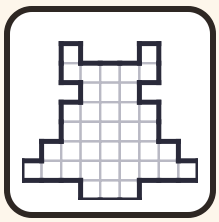
1 + 2 = ☐

4



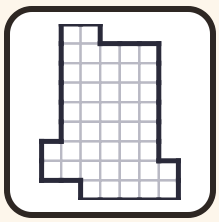
7 − 3 = ☐

5



3 + 4 = ☐

6



10 − 1 = ☐

FINISH

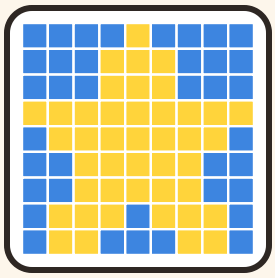
NAME THE PICTURE

My name: _____ Date .....

Look at the picture. Write its name.

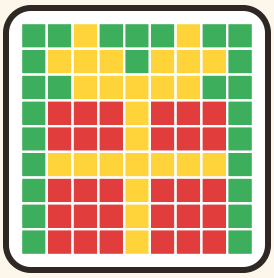
Word bank: stocking star gift tree bell ornament

1



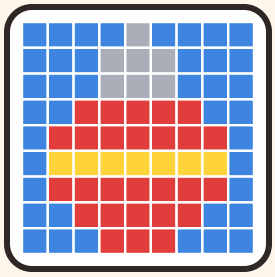
I see: _____

2



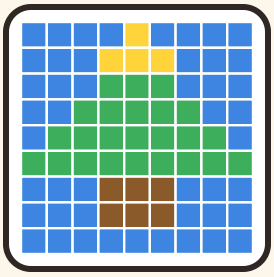
I see: _____

3



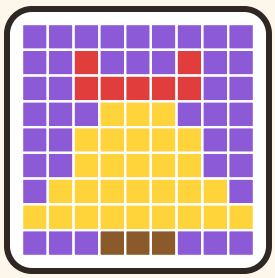
I see: _____

4



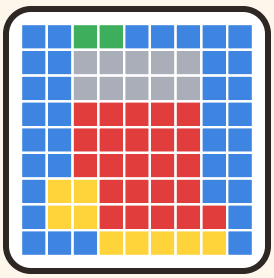
I see: _____

5



I see: _____

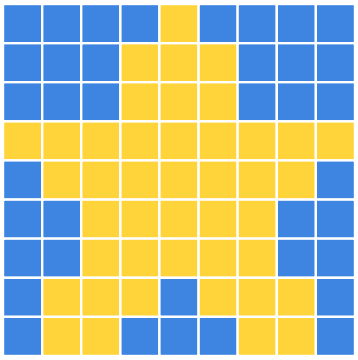
6



I see: _____

ANSWER KEY: ANSWER KEY: PICTURES 1–3

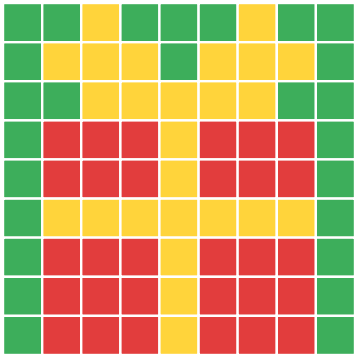
Generated from the same data every Mystery Picture page is built from — never hand-typed. Each answer is in one color only, and every square on the picture holds a problem with one of these answers.



1 · star (page 8)

adding within 10

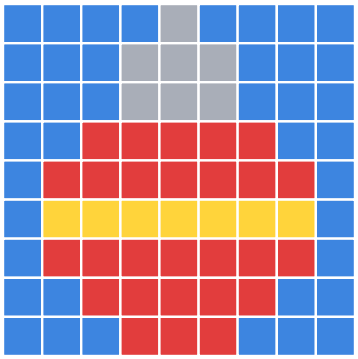
COLOR	ANSWERS THAT GET IT	SQUARES
blue	2, 8, 9, 10	38
yellow	3, 4, 5, 6, 7	43



2 · gift (page 10)

subtracting within 10

COLOR	ANSWERS THAT GET IT	SQUARES
green	1, 4, 8	26
red	2, 5, 6	30
yellow	3, 7, 9	25



3 · ornament (page 12)

adding and subtracting within 10

COLOR	ANSWERS THAT GET IT	SQUARES
blue	3, 7, 10	40
red	1, 5, 8	27
gray	2, 4	7
yellow	6, 9	7

EXAMPLE IMANI'S TRACKER

Imani T. is invented; nothing on this page describes a real student. The blank tracker is on page 24.

STUDENT	TEACHER	MONTH
Imani T. (an invented student)	**Mr. Reyes (invented)**	**December**

PICTURE OR PAGE	GET READY (DATE)	DONE (DATE)	RIGHT (OF N)	NOTES
1 · star (9)	12/1	12/2	9 of 9	–
2 · gift (9)	12/8	12/9	8 of 9	to come back to: 6 − 4 = 2
3 · ornament (10)	12/15	12/16	8 of 10	to come back to: 4 + 3 = 7, 3 + 5 = 8
4 · tree (12)	12/22	–	–	Get Ready done
5 · bell (14)	–	–	–	–
6 · stocking (14)	–	–	–	–
Solve and Color 1 (6)	–	12/10	5 of 6	–
Solve and Color 2 (6)	–	–	–	–
Name the Picture (6)	–	–	–	–

How to read it

Imani T. has finished **3 of 6** Mystery Pictures (star, gift, ornament). On those pictures the Get Ready problems solved right with no help add up to **25 of 28**; the 3 facts to come back to are listed in the Notes column. Get Ready is done for tree, which is next. Every number comes from the table above.

The family note this tracker would produce

"This month Imani finished 3 mystery pictures and solved 25 of the 28 Get Ready problems on them without help. The facts we are still practicing are 6 − 4, 4 + 3, 3 + 5." — every fact in it is a row of the table above.

THANK YOU **BEFORE YOU GO**

THANK YOU FOR USING THIS RESOURCE

Everything here was built for the teacher who has a table of children who each need a different amount of support with their first math facts. If this helped, leaving feedback on TPT helps other teachers find it.

Something missing or wrong?

Please use the **Ask a Question** tab on the product page first — every question is read, and a fix to the file is a free update you re-download from **My Purchases**.

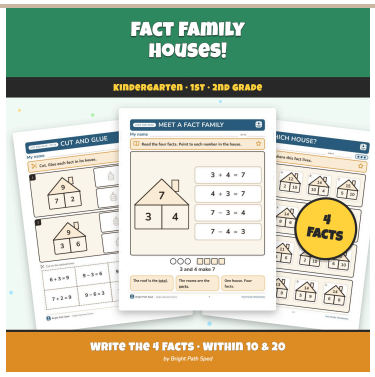
WHAT'S NEXT FROM THIS STORE

The rest of this solve-it, find-it, color-it series — a fresh set of mystery pictures each season — plus worksheets for the same facts without the coloring.



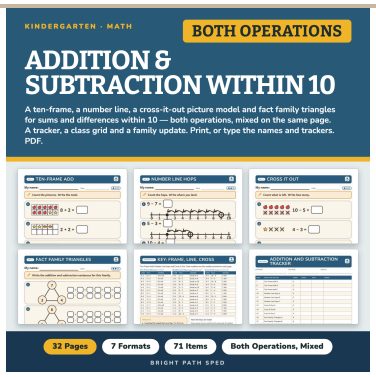
Winter Color by Sight Word Worksheets

The word version: the same read-it, find-it, color-it idea with Dolch sight words, K-1.



Fact Family Worksheets

The same addition and subtraction facts as fact families, without the coloring, K-2.



Addition and Subtraction Within 10 Worksheets

Ten frames and number lines for the facts this kit colors, K.

Part of the K–2 Math collection — new products in this collection are added regularly. Click **Follow** on the store page and TPT will email you when they go up.

Every picture in this file is drawn by Bright Path Sped from a pixel map in code; no third-party art is used. Type: Andika, Fredoka and Patrick Hand, SIL Open Font License.

© Bright Path Sped. For single-classroom use by the original purchaser.