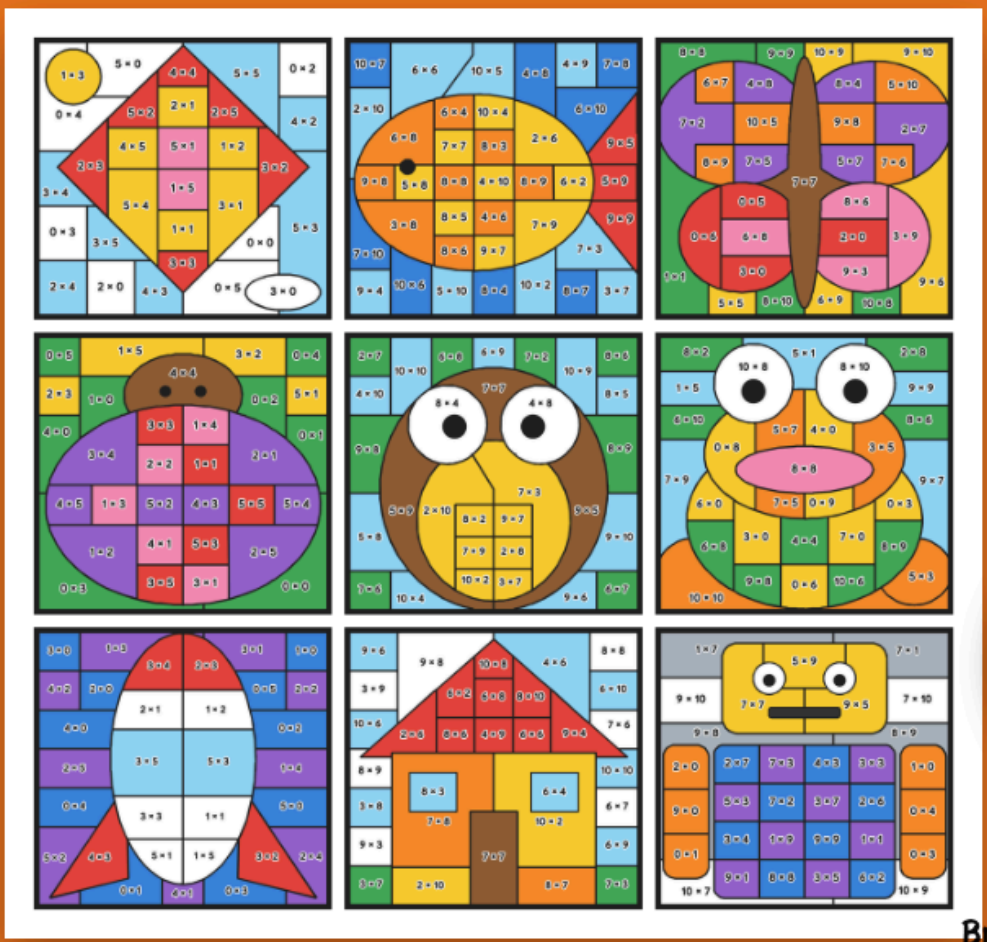
MULTIPLICATION COLOR BY NUMBER

Facts 0-10, Grades 3-4

18 PICTURES



3 LEVELS

Bright Path Sped

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One classroom license

- This file is for one classroom: one teacher, one group of students.
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- Extra licenses for a team or a school are available on the product page.

This is a fillable PDF

- Open it in a PDF reader (Adobe Acrobat Reader, Preview, or your browser), click into a box, type, and Save As.
- The name line on the student pages, the tracker and the notes areas are type-in fields. You can also print any page and write by hand.
- It works offline. No account, no subscription, no internet connection needed after you download it.

Print at 100 percent

Turn off fit to page and shrink to fit so the facts stay big enough for small eyes. Every page prints in color or in black and white. In black and white the color key still works: each swatch carries its color word, so a child can pick up the right crayon and a teacher can read the page from across the table.

Student work

A filled-in tracker carries a student's name. Keep it in the data folder, and use a first name only on any page that leaves your hands.

Need help?

If a box will not behave or a page will not print the way you expect, use Ask a Question on the product page before leaving a review. Every question is read, and a fix to the file ships as a free update: re-download it any time from My Purchases.

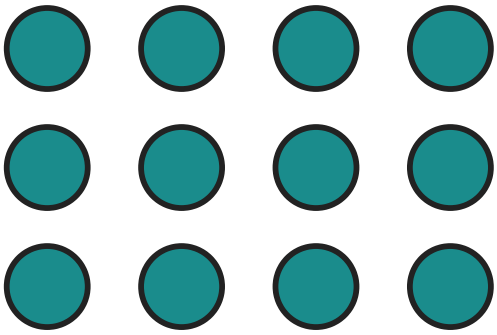
© Bright Path Sped. For single-classroom use by the original purchaser.

PREVIEW

My name _____

Multiply it. Use dots and hops.

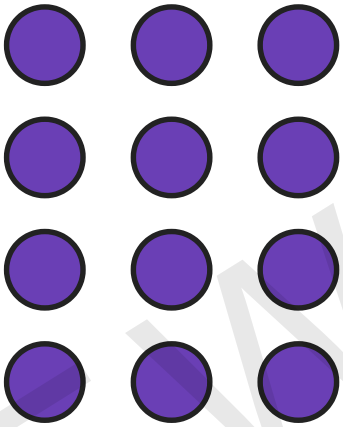
3 rows of 4



3 groups of 4 dots

3 × 4 = 12

4 rows of 3



4 groups of 3 dots

4 × 3 = 12

Turn it around

3 × 4 and 4 × 3 have the same answer.

Turn the array and the dots stay the same. Any number times 0 is 0. Any number times 1 is that number.

Skip count

Skip count by 4: one hop for each group of 4. 6 × 4 = 24

4	8	12	16	20	24

Try it. Write the answer.

2 × 6 = ____ 4 × 5 = ____

3 × 7 = ____ 6 × 8 = ____

PREVIEW

Binder Cover and Spine

Slide this into the front of a binder or a folder. The spine strip is below it; the three divider tabs come before each set (pages 7, 14 and 21).



MULTIPLICATION COLOR BY NUMBER

facts 0-5, facts 6-10 and mixed

Name _____

Class or group _____

School year _____

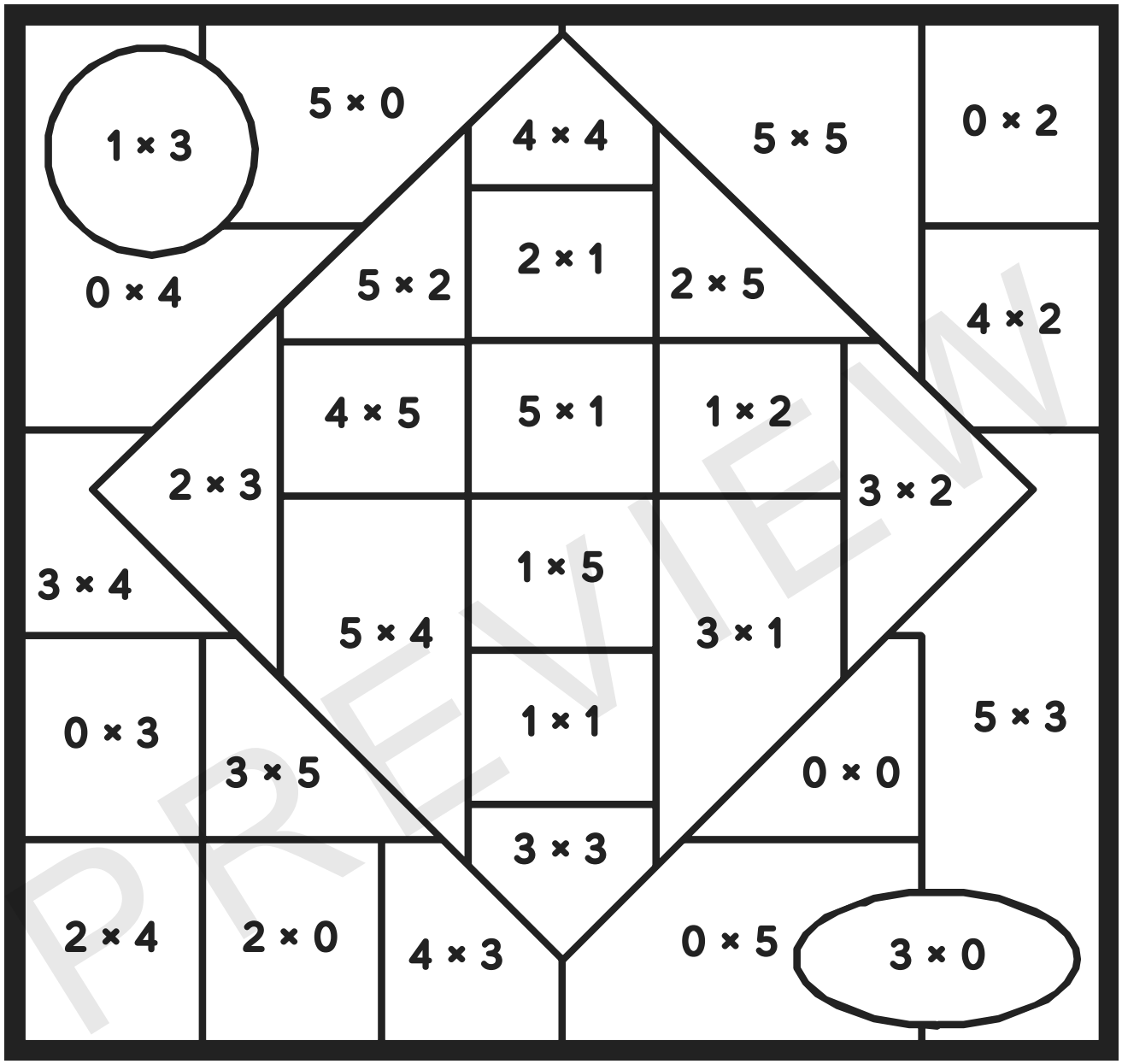
PREVIEW

Multiplication Color by Number - Bright Path Sped

Spine strip: fold it around the spine of a one-inch binder, or tape it flat to a folder edge.

My name _____

Multiply. Color by the key.



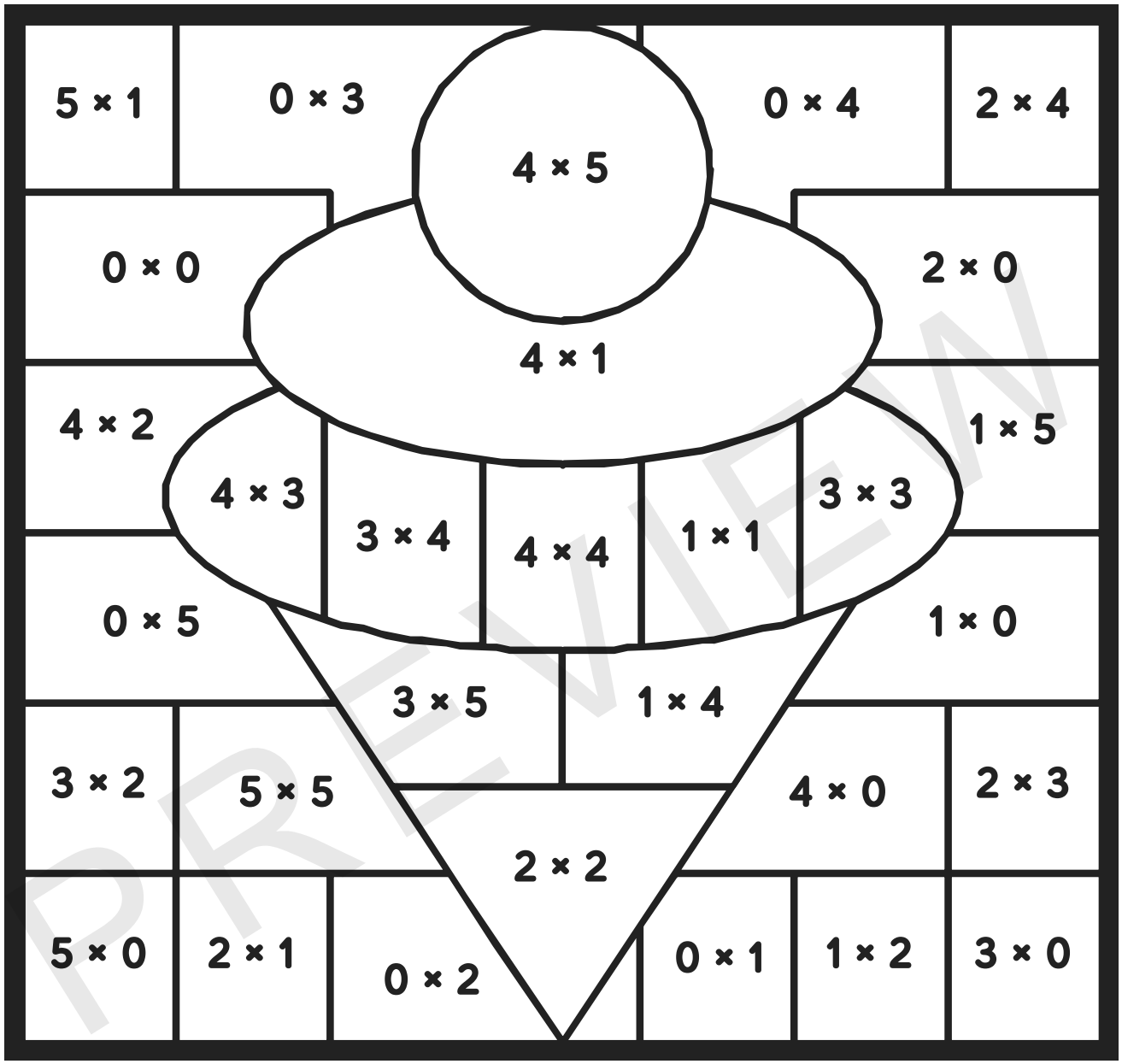
0	1 2 3 20	5	6 9 10 16	8 12 15 25
white	yellow	pink	red	light blue

Count your colors: ☐ 8 ☐ 7 ☐ 2 ☐ 6 ☐ 7

Multiply, find the answer in the key, color the part. Any number times 0 is 0.

My name _____

Multiply. Color by the key.



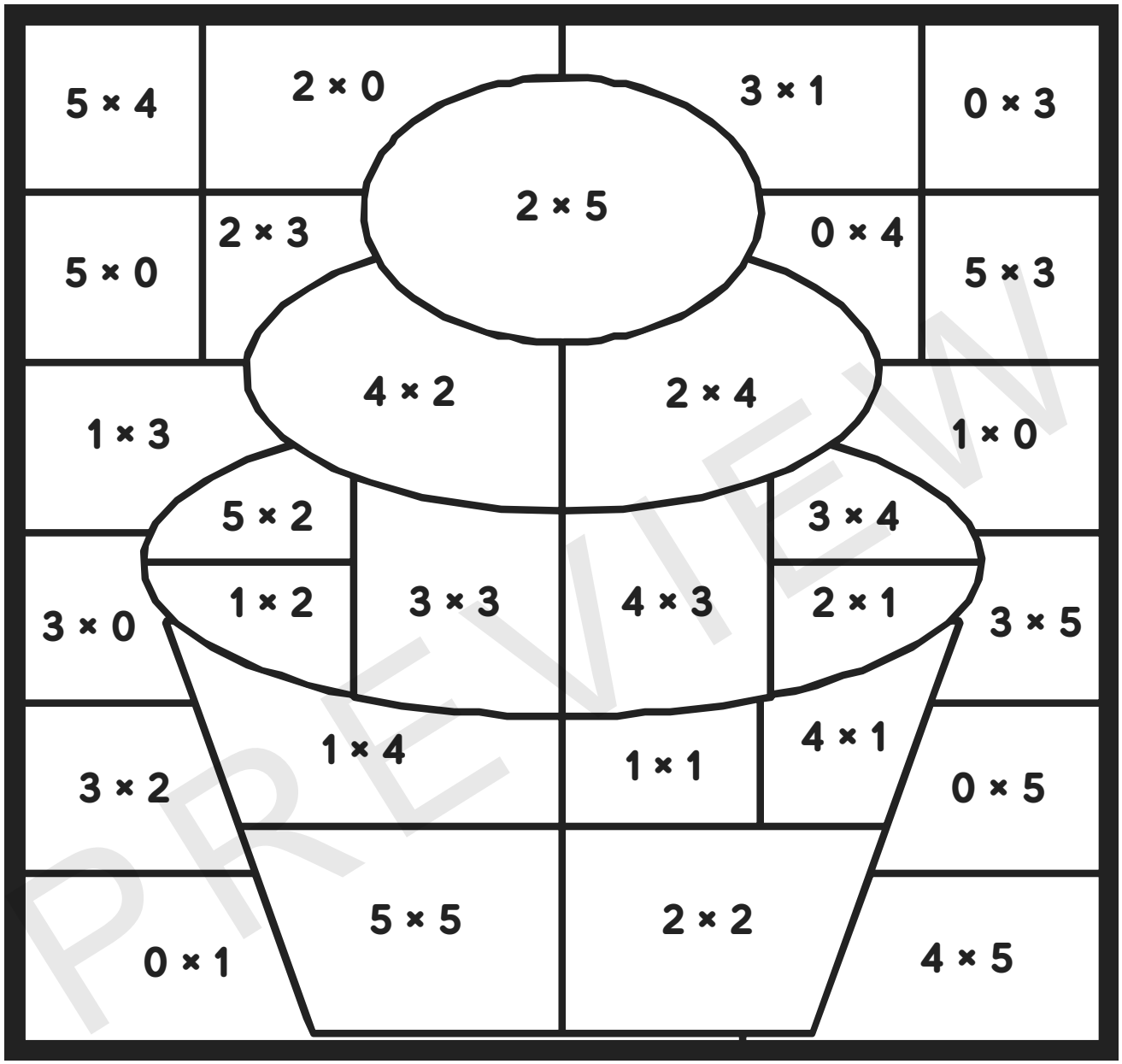
0 25	1 9 12 16	2 5 6 8	4	15	20
white	yellow	light blue	brown	orange	pink

Count your colors: ☐ 12 ☐ 5 ☐ 8 ☐ 3 ☐ 1 ☐ 1

Multiply, find the answer in the key, color the part. Any number times 0 is 0.

My name _____

Multiply. Color by the key.



0	1 25	2 9 10 12	3 6 15 20	4	8
white	orange	pink	yellow	red	brown

Count your colors: white 8 orange 2 pink 7 yellow 8 red 3 brown 2

Multiply, find the answer in the key, color the part. Any number times 0 is 0.

PREVIEW

Preview · Bright Path Sped

Divider Tab 2 of 3

Slide this sheet in front of the facts 6-10 pages.



FACTS 6-10

One number is 6, 7, 8, 9 or 10. Six pictures to color.

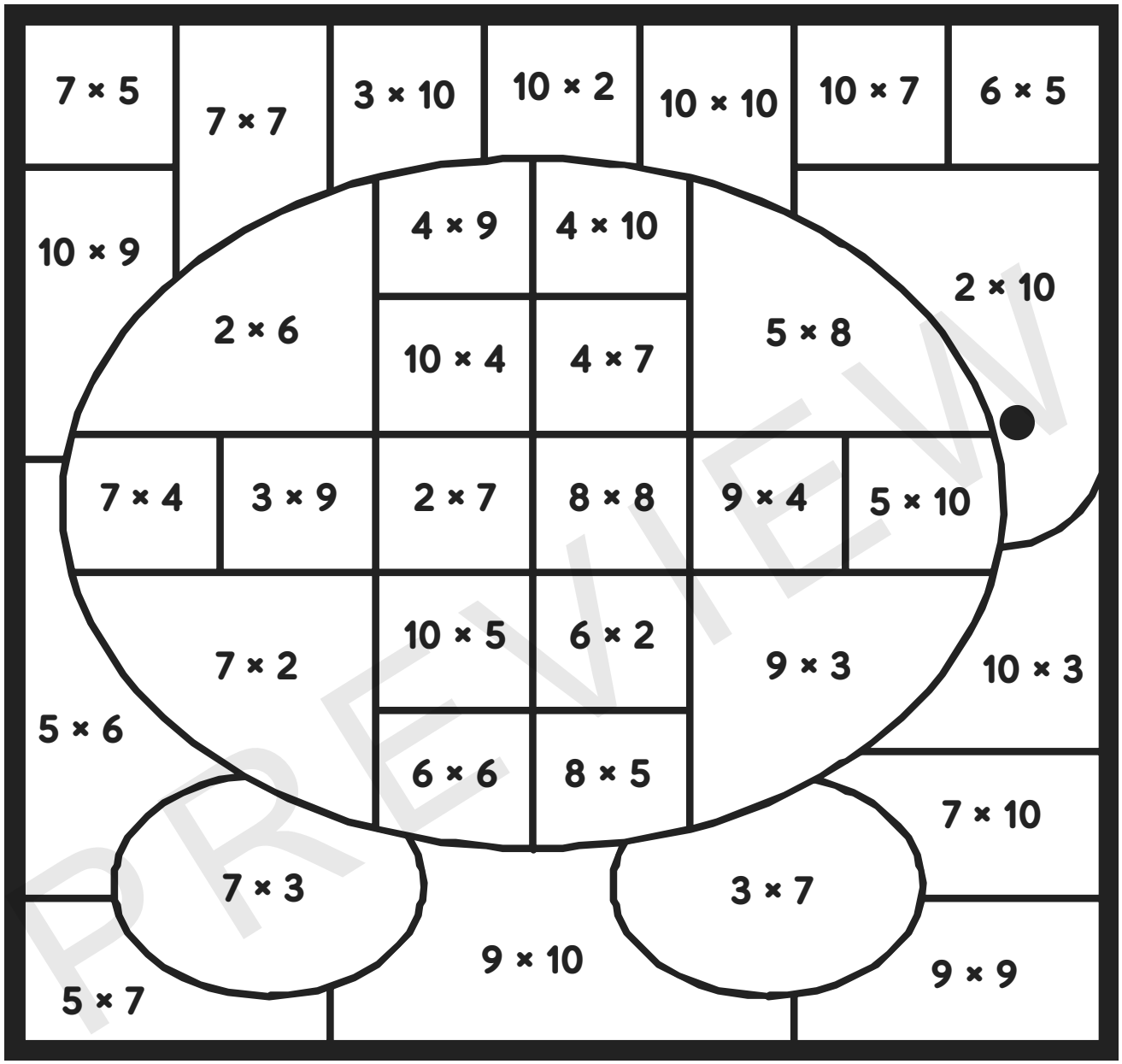
Pages 15-20

PREVIEW

Preview · Bright Path Sped

My name _____

Multiply. Color by the key.



green	blue	orange	yellow	light blue
12	20	21	27	30
14	49		40	35
28	70		50	81
36	90		64	100

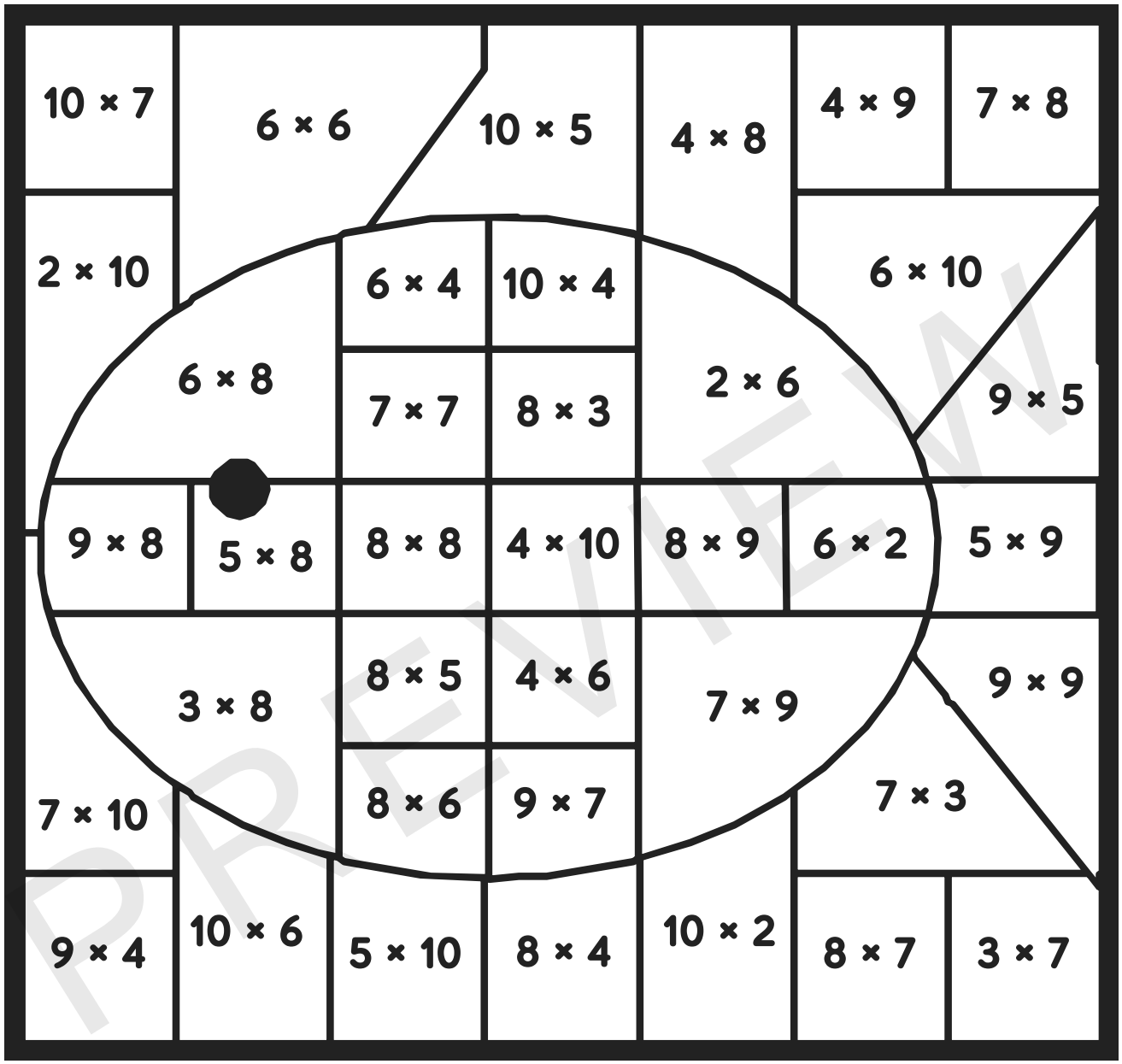
Count your colors: 9 7 2 9 8

Multiply, find the answer in the key, color the part. Stuck? Use the times table.

Preview · Bright Path Sped

My name _____

Multiply. Color by the key.



yellow	light blue	orange	blue	red
12	20	24	32	45
40	21	48	56	81
49	36	64	60	
63	50	72	70	

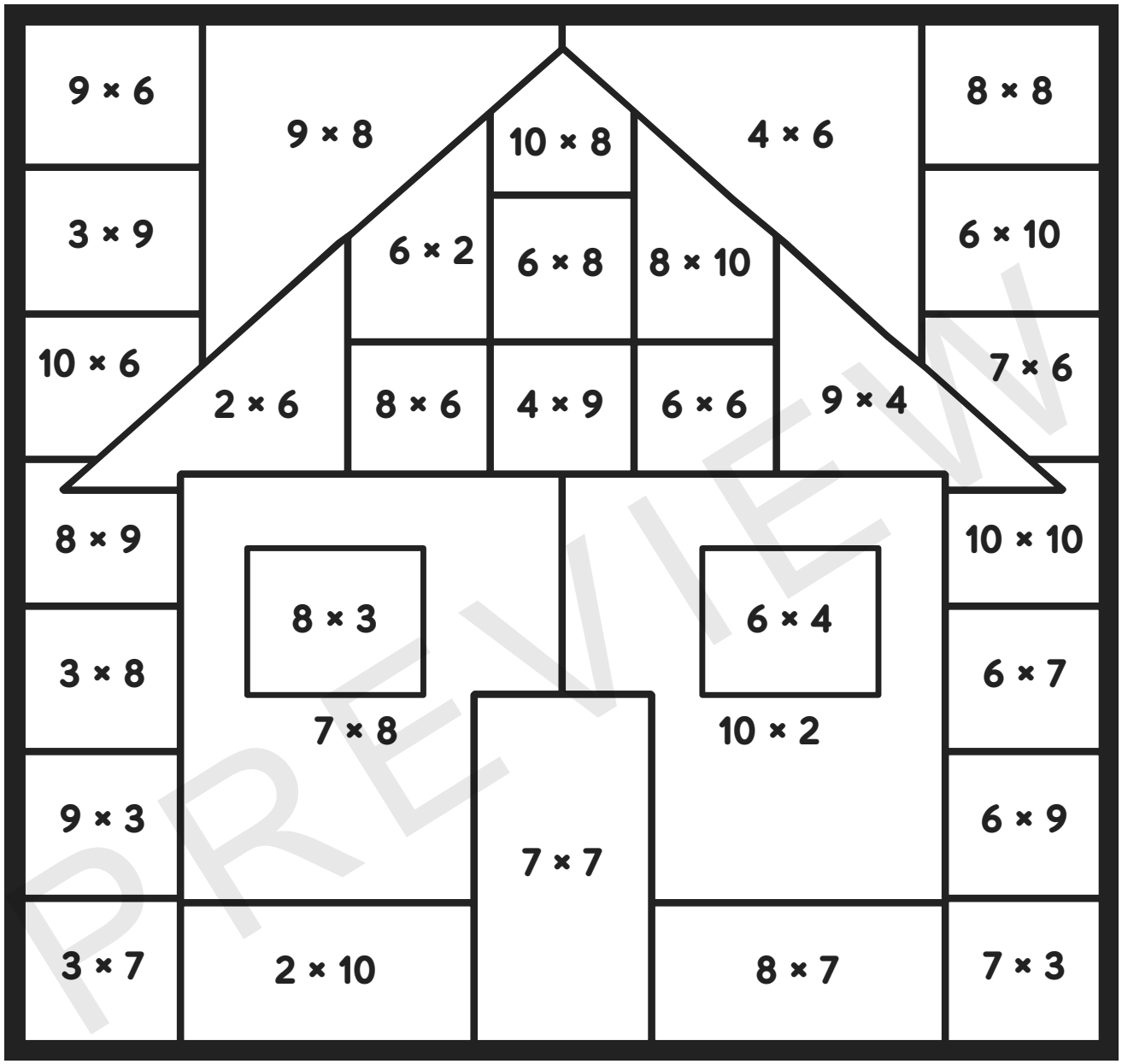
Count your colors: 9 9 9 8 3

Multiply, find the answer in the key, color the part. Stuck? Use the times table.

Preview · Bright Path Sped

My name _____

Multiply. Color by the key.



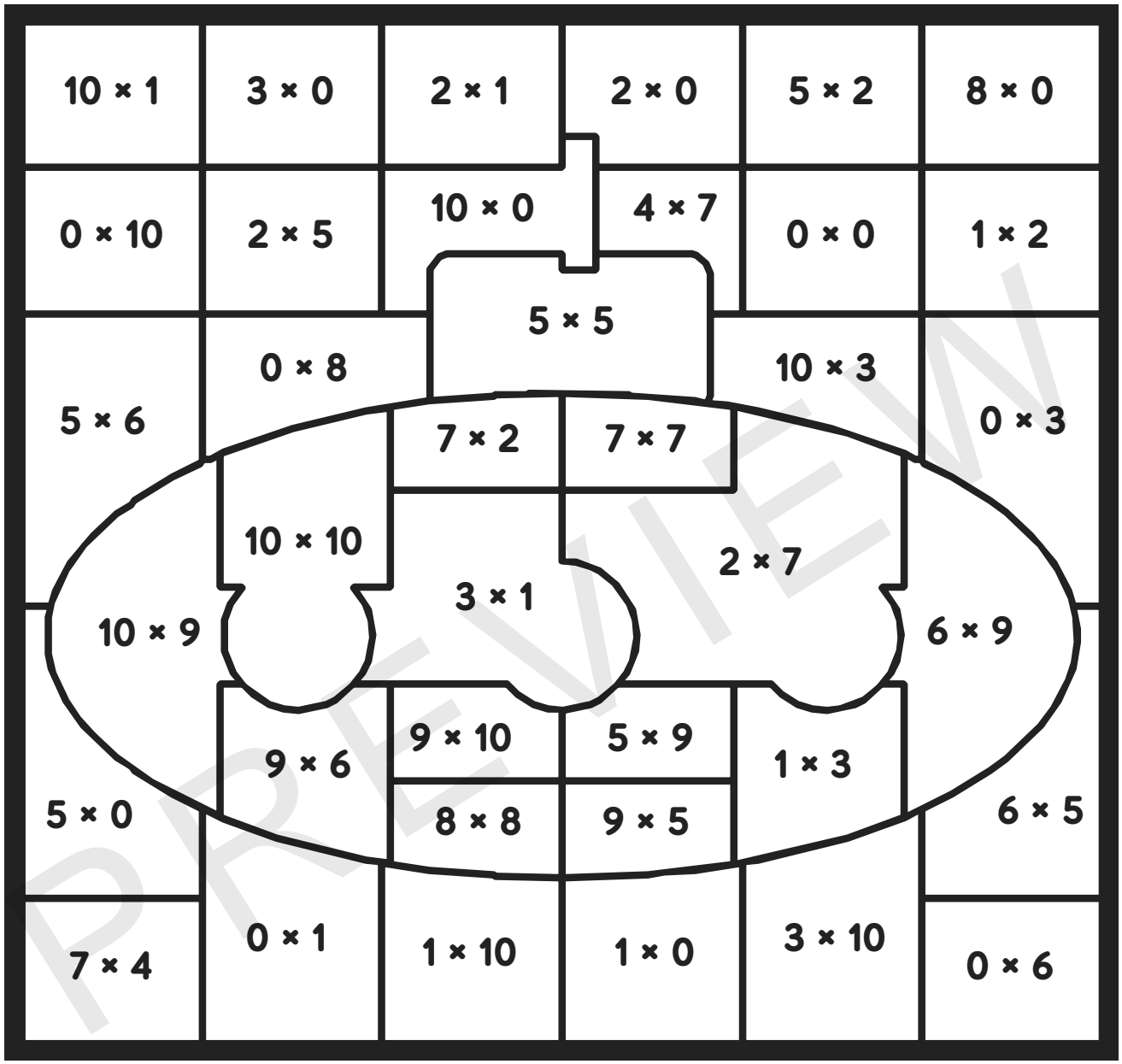
red	yellow	green	light blue	white	brown	orange
12 36 48 80	20	21	24 54 60 100	27 42 64 72	49	56

Count your colors: 9 2 2 9 7 1 2

Multiply, find the answer in the key, color the part. Stuck? Use the times table.

My name _____

Multiply. Color by the key.



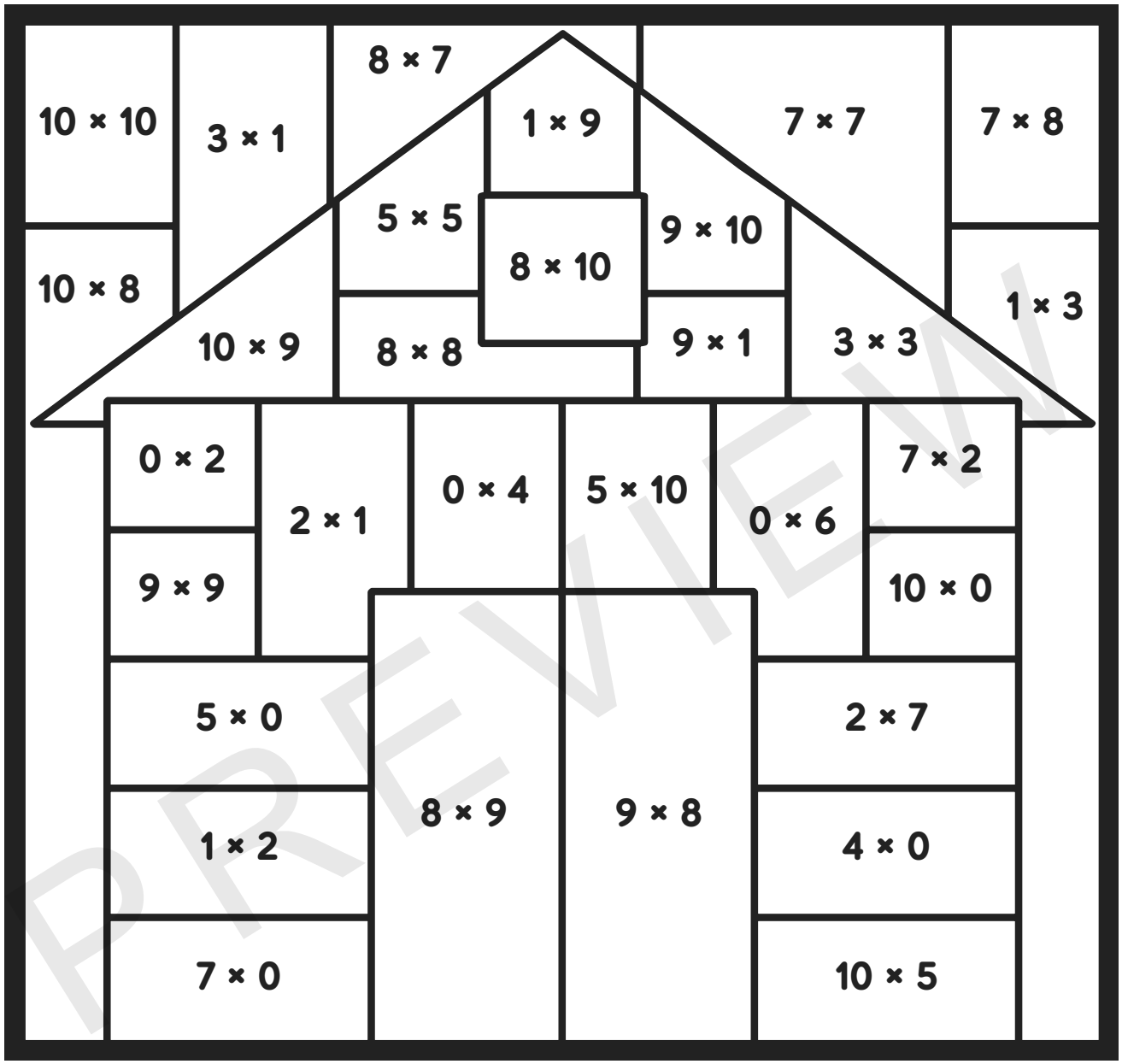
0	2 10 28 30	3 14 64 90	25	45 49 54 100
light blue	blue	orange	gray	yellow

Count your colors: 12 12 7 1 6

Multiply, find the answer in the key, color the part. Stuck? Use the times table.

My name _____

Multiply. Color by the key.



0	2, 14, 50, 81	3, 49, 80	9, 25, 64, 90	56, 100	72
red	orange	white	gray	light blue	brown

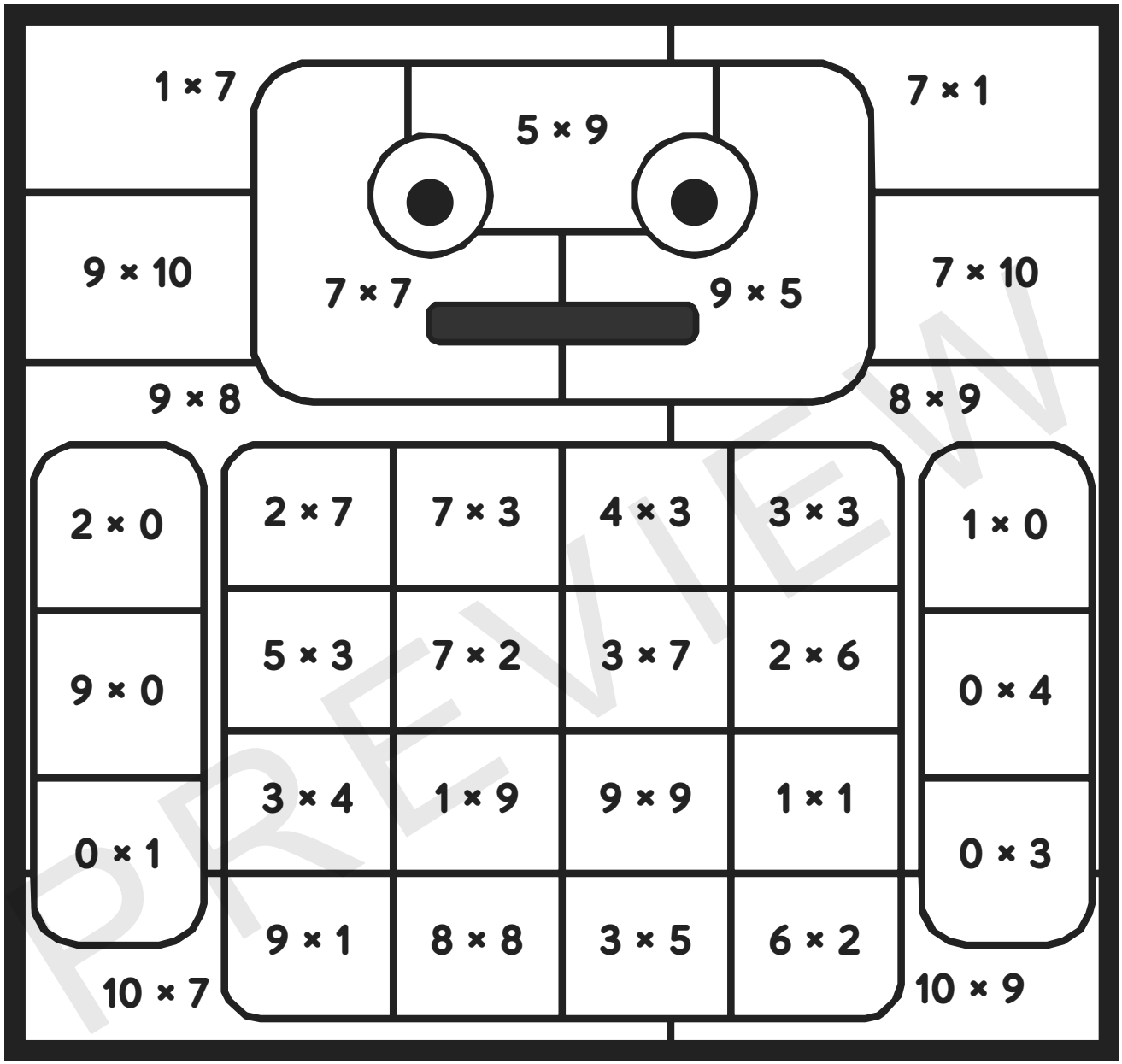
Count your colors: 7 7 5 7 3 2

Multiply, find the answer in the key, color the part. Stuck? Use the times table.

PREVIEW

My name _____

Multiply. Color by the key.



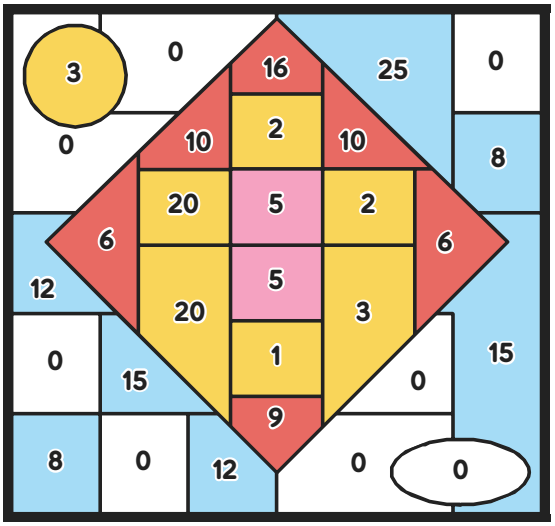
0	1 9 15 21	7 72	12 14 64 81	45 49	70 90
orange	purple	gray	blue	yellow	white

Count your colors: 6 8 4 8 3 4

Multiply, find the answer in the key, color the part. Stuck? Use the times table.

Answer Key 1

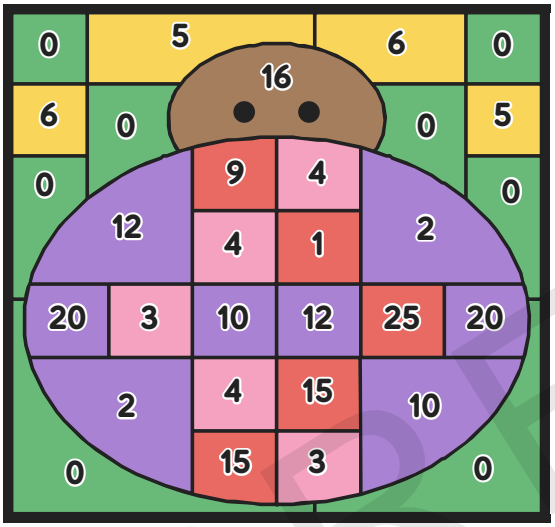
Each finished picture shows the answer in every part.



Page 8 - Kite (Facts 0-5)

Color, the answers for it, and the facts that make each answer

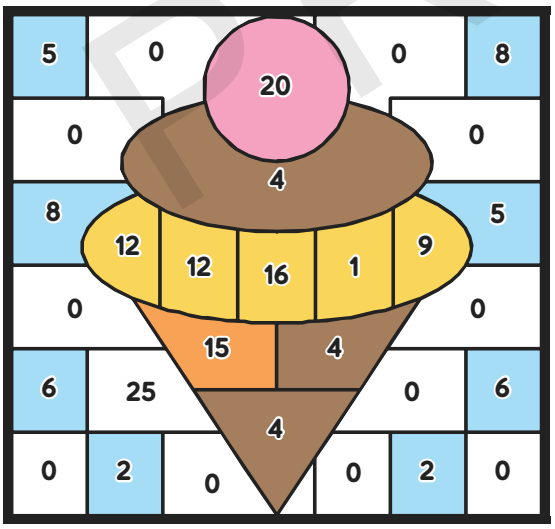
white: 0 (0 × 0, 0 × 2, 0 × 3, 0 × 4, 0 × 5, 2 × 0, 3 × 0, 5 × 0)
yellow: 1 (1 × 1), 2 (1 × 2, 2 × 1), 3 (1 × 3, 3 × 1), 20 (4 × 5, 5 × 4)
pink: 5 (1 × 5, 5 × 1)
red: 6 (2 × 3, 3 × 2), 9 (3 × 3), 10 (2 × 5, 5 × 2), 16 (4 × 4)
light blue: 8 (2 × 4, 4 × 2), 12 (3 × 4, 4 × 3), 15 (3 × 5, 5 × 3), 25 (5 × 5)



Page 9 - Ladybug (Facts 0-5)

Color, the answers for it, and the facts that make each answer

green: 0 (0 × 0, 0 × 1, 0 × 2, 0 × 3, 0 × 4, 0 × 5, 1 × 0, 4 × 0)
red: 1 (1 × 1), 9 (3 × 3), 15 (3 × 5, 5 × 3), 25 (5 × 5)
purple: 2 (1 × 2, 2 × 1), 10 (2 × 5, 5 × 2), 12 (3 × 4, 4 × 3), 20 (4 × 5, 5 × 4)
pink: 3 (1 × 3, 3 × 1), 4 (1 × 4, 2 × 2, 4 × 1)
yellow: 5 (1 × 5, 5 × 1), 6 (2 × 3, 3 × 2)
brown: 16 (4 × 4)



Page 10 - Ice cream (Facts 0-5)

Color, the answers for it, and the facts that make each answer

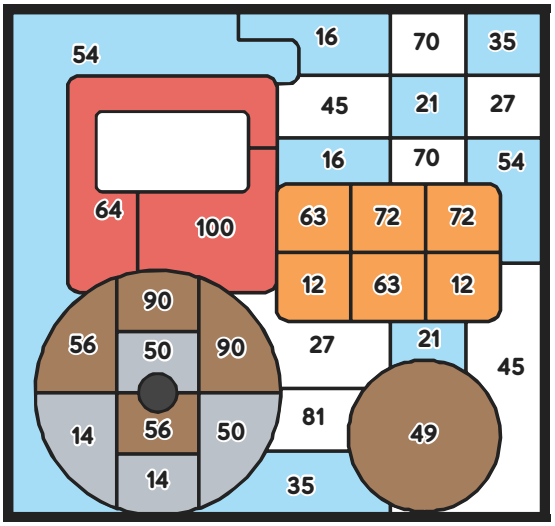
white: 0 (0 × 0, 0 × 1, 0 × 2, 0 × 3, 0 × 4, 0 × 5, 1 × 0, 2 × 0, 3 × 0, 4 × 0, 5 × 0), 25 (5 × 5)
yellow: 1 (1 × 1), 9 (3 × 3), 12 (3 × 4, 4 × 3), 16 (4 × 4)
light blue: 2 (1 × 2, 2 × 1), 5 (1 × 5, 5 × 1), 6 (2 × 3, 3 × 2), 8 (2 × 4, 4 × 2)
brown: 4 (1 × 4, 2 × 2, 4 × 1)
orange: 15 (3 × 5)
pink: 20 (4 × 5)

Hold the child's picture next to the finished one. A part left white counts as right when the key says white. If a part is different, ask the child to say the fact out loud, then look at page 4. Record how many parts match on the tracker (page 34).

PREVIEW

Answer Key 3

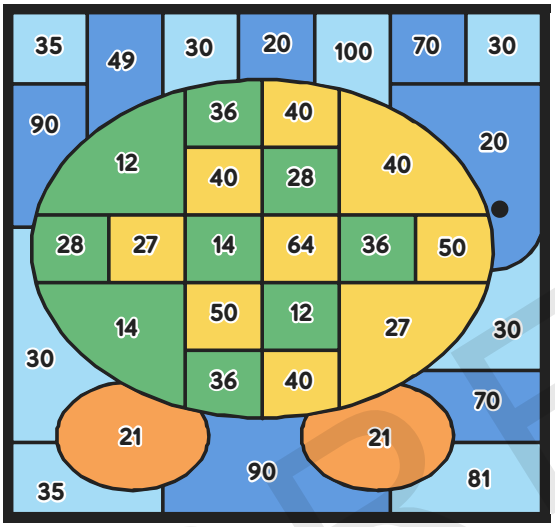
Each finished picture shows the answer in every part.



Page 15 - Tractor (Facts 6-10)

Color, the answers for it, and the facts that make each answer

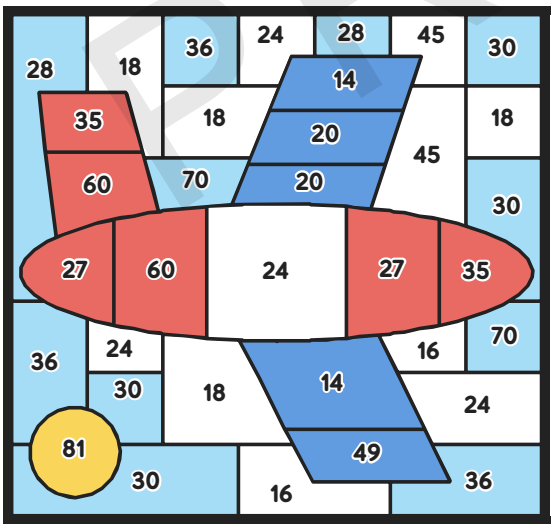
orange: 12 (2 × 6, 6 × 2), 63 (7 × 9, 9 × 7), 72 (8 × 9, 9 × 8)
gray: 14 (2 × 7, 7 × 2), 50 (5 × 10, 10 × 5)
light blue: 16 (2 × 8, 8 × 2), 21 (3 × 7, 7 × 3), 35 (5 × 7, 7 × 5), 54 (6 × 9, 9 × 6)
white: 27 (3 × 9, 9 × 3), 45 (5 × 9, 9 × 5), 70 (7 × 10, 10 × 7), 81 (9 × 9)
brown: 49 (7 × 7), 56 (7 × 8, 8 × 7), 90 (9 × 10, 10 × 9)
red: 64 (8 × 8), 100 (10 × 10)



Page 16 - Turtle (Facts 6-10)

Color, the answers for it, and the facts that make each answer

green: 12 (2 × 6, 6 × 2), 14 (2 × 7, 7 × 2), 28 (4 × 7, 7 × 4), 36 (4 × 9, 6 × 6, 9 × 4)
blue: 20 (2 × 10, 10 × 2), 49 (7 × 7), 70 (7 × 10, 10 × 7), 90 (9 × 10, 10 × 9)
orange: 21 (3 × 7, 7 × 3)
yellow: 27 (3 × 9, 9 × 3), 40 (4 × 10, 5 × 8, 8 × 5, 10 × 4), 50 (5 × 10, 10 × 5), 64 (8 × 8)
light blue: 30 (3 × 10, 5 × 6, 6 × 5, 10 × 3), 35 (5 × 7, 7 × 5), 81 (9 × 9), 100 (10 × 10)



Page 17 - Airplane (Facts 6-10)

Color, the answers for it, and the facts that make each answer

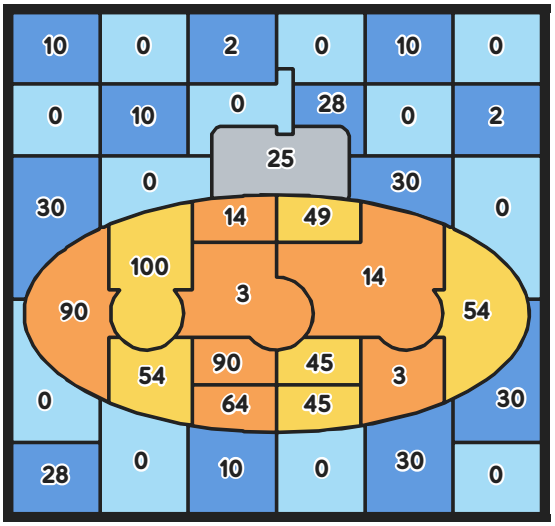
blue: 14 (2 × 7, 7 × 2), 20 (2 × 10, 10 × 2), 49 (7 × 7)
white: 16 (2 × 8, 8 × 2), 18 (2 × 9, 3 × 6, 6 × 3, 9 × 2), 24 (3 × 8, 4 × 6, 6 × 4, 8 × 3), 45 (5 × 9, 9 × 5)
red: 27 (3 × 9, 9 × 3), 35 (5 × 7, 7 × 5), 60 (6 × 10, 10 × 6)
light blue: 28 (4 × 7, 7 × 4), 30 (3 × 10, 5 × 6, 6 × 5, 10 × 3), 36 (4 × 9, 6 × 6, 9 × 4), 70 (7 × 10, 10 × 7)
yellow: 81 (9 × 9)

Hold the child's picture next to the finished one. A part left white counts as right when the key says white. If a part is different, ask the child to say the fact out loud, then look at page 4. Record how many parts match on the tracker (page 34).

PREVIEW

Answer Key 5

Each finished picture shows the answer in every part.



Page 22 - Submarine (Mixed Facts 0-10)

Color, the answers for it, and the facts that make each answer

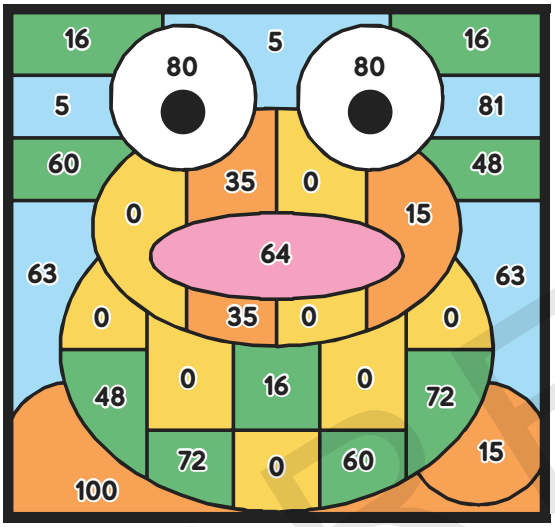
light blue: **0** (0 × 0, 0 × 1, 0 × 3, 0 × 6, 0 × 8, 0 × 10, 1 × 0, 2 × 0, 3 × 0, 5 × 0, 8 × 0, 10 × 0)

blue: **2** (1 × 2, 2 × 1); **10** (1 × 10, 2 × 5, 5 × 2, 10 × 1); **28** (4 × 7, 7 × 4); **30** (3 × 10, 5 × 6, 6 × 5, 10 × 3)

orange: **3** (1 × 3, 3 × 1); **14** (2 × 7, 7 × 2); **64** (8 × 8); **90** (9 × 10, 10 × 9)

gray: **25** (5 × 5)

yellow: **45** (5 × 9, 9 × 5); **49** (7 × 7); **54** (6 × 9, 9 × 6); **100** (10 × 10)



Page 23 - Frog (Mixed Facts 0-10)

Color, the answers for it, and the facts that make each answer

yellow: **0** (0 × 3, 0 × 6, 0 × 8, 0 × 9, 3 × 0, 4 × 0, 6 × 0, 7 × 0)

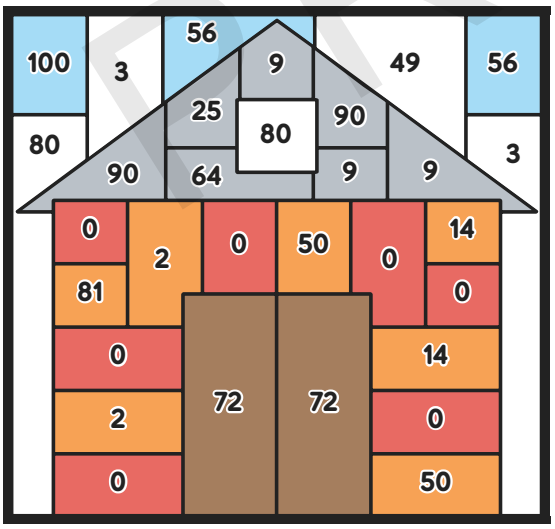
light blue: **5** (1 × 5, 5 × 1); **63** (7 × 9, 9 × 7); **81** (9 × 9)

orange: **15** (3 × 5, 5 × 3); **35** (5 × 7, 7 × 5); **100** (10 × 10)

green: **16** (2 × 8, 4 × 4, 8 × 2); **48** (6 × 8, 8 × 6); **60** (6 × 10, 10 × 6); **72** (8 × 9, 9 × 8)

pink: **64** (8 × 8)

white: **80** (8 × 10, 10 × 8)



Page 24 - Barn (Mixed Facts 0-10)

Color, the answers for it, and the facts that make each answer

red: **0** (0 × 2, 0 × 4, 0 × 6, 4 × 0, 5 × 0, 7 × 0, 10 × 0)

orange: **2** (1 × 2, 2 × 1); **14** (2 × 7, 7 × 2); **50** (5 × 10, 10 × 5); **81** (9 × 9)

white: **3** (1 × 3, 3 × 1); **49** (7 × 7); **80** (8 × 10, 10 × 8)

gray: **9** (1 × 9, 3 × 3, 9 × 1); **25** (5 × 5); **64** (8 × 8); **90** (9 × 10, 10 × 9)

light blue: **56** (7 × 8, 8 × 7); **100** (10 × 10)

brown: **72** (8 × 9, 9 × 8)

Hold the child's picture next to the finished one. A part left white counts as right when the key says white. If a part is different, ask the child to say the fact out loud, then look at page 4. Record how many parts match on the tracker (page 34).

PREVIEW

Tracker

For each page, write the date and how many facts were multiplied right. A blank row means not done yet, never wrong.

Student _____ Teacher _____ School year _____

Page	Picture	Set	Date	Right	Out of	Notes
8	Kite	Facts 0-5			30	
9	Ladybug	Facts 0-5			31	
10	Ice cream	Facts 0-5			30	
11	Sailboat	Facts 0-5			31	
12	Cupcake	Facts 0-5			30	
13	Rocket	Facts 0-5			31	
15	Tractor	Facts 6-10			32	
16	Turtle	Facts 6-10			35	
17	Airplane	Facts 6-10			35	
18	Fish	Facts 6-10			38	
19	Owl	Facts 6-10			30	
20	House	Facts 6-10			32	
22	Submarine	Mixed			38	
23	Frog	Mixed			30	
24	Barn	Mixed			31	
25	Butterfly	Mixed			31	
26	Robot	Mixed			33	
27	Castle	Mixed			31	

Notes

PREVIEW

Jordan's Tracker (Invented Student)

Jordan T. is an invented student; nothing on this page describes a real child. The blank tracker is on page 34.

Page	Picture	Set	Date	Right	Out of	Notes
8	Kite	Facts 0-5	11/3	28	30	–
9	Ladybug	Facts 0-5	11/4	30	31	–
10	Ice cream	Facts 0-5	11/5	30	30	–
11	Sailboat	Facts 0-5	11/6	28	31	–
12	Cupcake	Facts 0-5	11/7	29	30	–
13	Rocket	Facts 0-5	11/10	29	31	–
15	Tractor	Facts 6-10	11/11	27	32	Used the times table
16	Turtle	Facts 6-10	11/12	31	35	–
17	Airplane	Facts 6-10	–	–	35	–
18	Fish	Facts 6-10	–	–	38	–
19	Owl	Facts 6-10	–	–	30	–
20	House	Facts 6-10	–	–	32	–
22	Submarine	Mixed	–	–	38	–
23	Frog	Mixed	–	–	30	–
24	Barn	Mixed	–	–	31	–
25	Butterfly	Mixed	–	–	31	–
26	Robot	Mixed	–	–	33	–
27	Castle	Mixed	–	–	31	–

PREVIEW

How to read it

Jordan T. has done **8 of 18** sheets and multiplied **232 of 250** facts right (92.8 percent). The sheet with the lowest share right: page 15, the tractor, 27 of 32.

The family note this tracker would produce

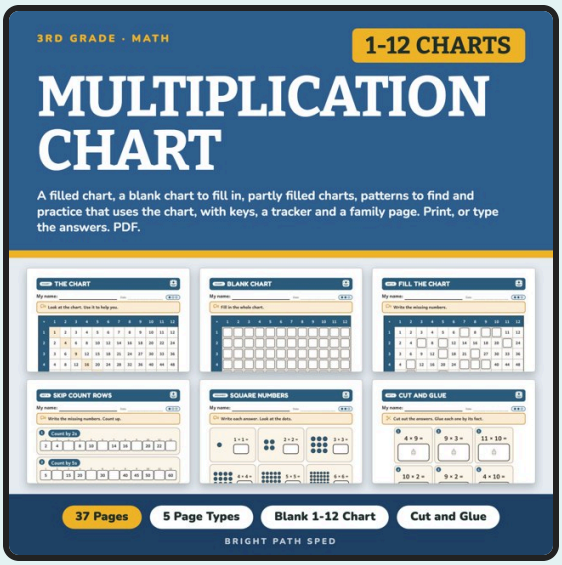
"This week Jordan colored 8 multiplication pictures and got 232 of 250 facts right. We are still practicing the tractor page. At home, please try the facts on the family page together."

What this teacher might do next

Jordan has finished all six facts 0-5 pages and two facts 6-10 pages. Next is page 17, the airplane. Before it, look together at the times table helper (page 5) and the skip counting on the helper page (page 4). The mixed pages (22-27) come last, because they can hold any fact from 0 to 10.

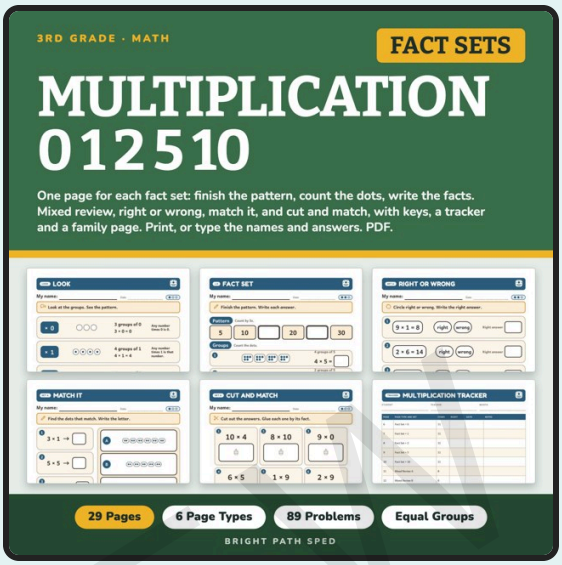
What's Next

Four more Bright Path Sped products that follow naturally from this one.



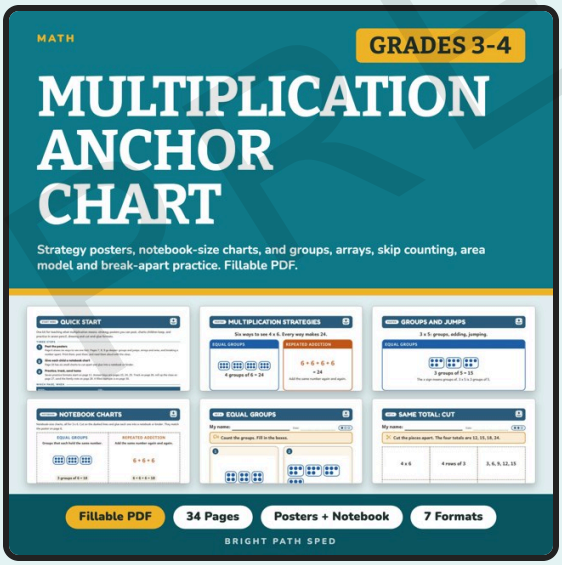
Multiplication Chart Worksheets

Blank and filled times tables from 1 to 12, for the child who wants a chart of their own to fill in.



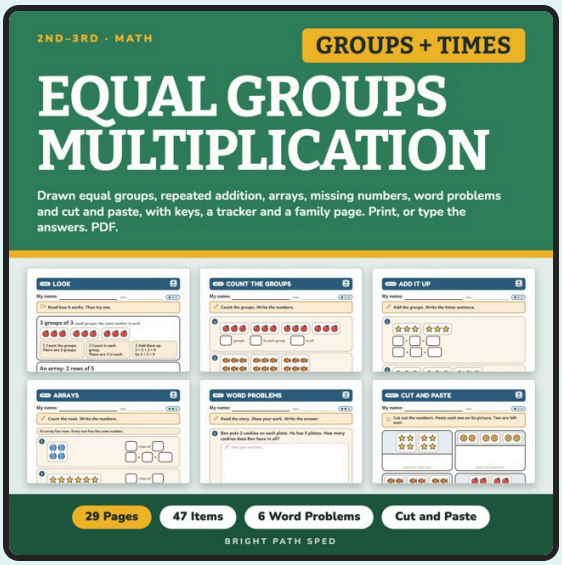
Multiplication 0, 1, 2, 5, 10 Worksheets

Fact sets with cut-and-match pages, for the easiest facts first.



Multiplication Anchor Chart

Strategy posters, notebook charts and worksheets for grades 3-4.



Equal Groups Multiplication Worksheets

Repeated addition and arrays, for the student who needs to see the groups first.

PREVIEW