MULTIPLICATION CHART

1-12

11 SKIP-COUNT STRIPS

12 DESK STRIPS

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144



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This is a fillable PDF

- Open it in a PDF reader (Adobe Acrobat Reader, Preview, or your browser), click into a line or a box, type, and Save As.
- The name lines, the empty boxes on the fill-in charts, the skip-count page, the find-it page, the roll-up, the home note and every notes area are type-in fields. The posters and the cut strips are print pages. 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 strips keep their size. Every page is readable in black and white, and both wall charts come in an ink-saver version. Posters look best on cardstock; strips children cut are fine on copy paper.

Need help?

If a field 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.

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PREVIEW

How to Use the Chart: Five Short Routines

Each one takes a few minutes. The chart does the telling; you ask the questions.

1. Find where they meet

- Show the chart (page 5). Put one finger on 6 in the first column and one finger on 7 in the top row. Slide both until they meet: 42.
- Children do it with their own fingers on a desk strip or the wall chart and read the number out loud.

2. Walk the diagonal

- The boxes with a thick frame run corner to corner: 1, 4, 9, 16, 25, 36, and so on to 144. Children walk a finger down the diagonal.
- Then ask: "Find 6 x 7 and 7 x 6. What do you notice?" Both land on 42: the two sides of the diagonal match.

3. Count with a strip

- Hand out a skip-count strip (page 9). Children touch each number and say it: count by 4: 4, 8, 12, 16, 20.
- Point to the same row on the wall chart. The strip is that row, cut out and held in the hand.

4. Look for patterns

- Look at the row for 5: 5, 10, 15, 20, 25, 30. Every number ends in 0 or 5.
- Look at the row for 10 and the column for 10. Ask: "What do you see?" Let children say it in their own words.

5. Fill it in

- Start with the chart that prints the 1, 2, 5 and 10 facts (page 13); move to the chart that prints half (page 14) and then the empty chart (page 15).
- Keep the roll-up (page 22) to see which rows a child knows.

Notes on your day

PREVIEW

MULTIPLICATION CHART

1 to 12

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

PREVIEW

Find a row. Find a column. Where they meet is the answer.

The framed boxes are the same number twice: 1 x 1, 2 x 2, 3 x 3 ...

MULTIPLICATION CHART

1 to 10

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

PREVIEW

Find a row. Find a column. Where they meet is the answer.

The framed boxes are the same number twice: 1 x 1, 2 x 2, 3 x 3 ...

Preview - Bright Path Sped

Cut the strips. Tape one to your desk.

1	2	3	4	5	6
1 x 1 = 1	2 x 1 = 2	3 x 1 = 3	4 x 1 = 4	5 x 1 = 5	6 x 1 = 6
1 x 2 = 2	2 x 2 = 4	3 x 2 = 6	4 x 2 = 8	5 x 2 = 10	6 x 2 = 12
1 x 3 = 3	2 x 3 = 6	3 x 3 = 9	4 x 3 = 12	5 x 3 = 15	6 x 3 = 18
1 x 4 = 4	2 x 4 = 8	3 x 4 = 12	4 x 4 = 16	5 x 4 = 20	6 x 4 = 24
1 x 5 = 5	2 x 5 = 10	3 x 5 = 15	4 x 5 = 20	5 x 5 = 25	6 x 5 = 30
1 x 6 = 6	2 x 6 = 12	3 x 6 = 18	4 x 6 = 24	5 x 6 = 30	6 x 6 = 36
1 x 7 = 7	2 x 7 = 14	3 x 7 = 21	4 x 7 = 28	5 x 7 = 35	6 x 7 = 42
1 x 8 = 8	2 x 8 = 16	3 x 8 = 24	4 x 8 = 32	5 x 8 = 40	6 x 8 = 48
1 x 9 = 9	2 x 9 = 18	3 x 9 = 27	4 x 9 = 36	5 x 9 = 45	6 x 9 = 54
1 x 10 = 10	2 x 10 = 20	3 x 10 = 30	4 x 10 = 40	5 x 10 = 50	6 x 10 = 60
1 x 11 = 11	2 x 11 = 22	3 x 11 = 33	4 x 11 = 44	5 x 11 = 55	6 x 11 = 66
1 x 12 = 12	2 x 12 = 24	3 x 12 = 36	4 x 12 = 48	5 x 12 = 60	6 x 12 = 72

PREVIEW

Preview - Bright Path Sped

My name _____

Fill in the empty boxes.

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6			15					30		
4	4	8			20					40		
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12			30					60		
7	7	14			35					70		
8	8	16			40					80		
9	9	18			45					90		
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22			55					110		
12	12	24			60					120		

PREVIEW

I notice _____

Preview : Bright Path Sped

My name _____

Fill in the empty boxes. Look at the other side.

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1											
2	2	4										
3	3	6	9									
4	4	8	12	16								
5	5	10	15	20	25							
6	6	12	18	24	30	36						
7	7	14	21	28	35	42	49					
8	8	16	24	32	40	48	56	64				
9	9	18	27	36	45	54	63	72	81			
10	10	20	30	40	50	60	70	80	90	100		
11	11	22	33	44	55	66	77	88	99	110	121	
12	12	24	36	48	60	72	84	96	108	120	132	144

PREVIEW

I notice _____

Preview - Bright Path Sped

My name _____

Count by the number. Fill in the boxes.

Count by 3	3	6										
Count by 4	4	8										
Count by 6	6	12										
Count by 7	7	14										
Count by 8	8	16										
Count by 9	9	18										
Count by my number												

PREVIEW

Filled Example: One Child's Chart

The page is the fill-in chart that prints the 1, 2, 5 and 10 facts (page 13). Noor (invented child). The child, the teacher and every answer on this page are invented. Only the 64 boxes the child wrote are shown (rows and columns 3, 4, 6, 7, 8, 9, 11, 12).

x	3	4	6	7	8	9	11	12
3	9	12	18	21	24	27	33	36
4	12	16	24	28	32	36	44	44 is 48
6	18	24	36	48 is 42	48	54	66	72
7	21	28	42	49	56	63	77	84
8	24	32	48	56	64	72	88	96
9	27	36	54	56 is 63	72	81	99	108
11	33	44	66	77	88	99	111 is 121	132
12	36	48	72	84	96	108	132	144

Reading the work

60 of 64 boxes were right. The 4 boxes in red are the ones to look at: 4 x 12 (wrote 44, the chart says 48); 6 x 7 (wrote 48, the chart says 42); 9 x 7 (wrote 56, the chart says 63); 11 x 11 (wrote 111, the chart says 121).

What the teacher did next

Three of the four wrong answers belong to the fact right next door in the same row or column: 44 is 4 x 11; 48 is 6 x 8; 56 is 8 x 7. The teacher gave Noor the skip-count strip for 6 (page 9) and asked her to count to the box she missed. She fixed it herself.

What this example is not

One invented child's page. It sets no typical score, says nothing about any real child and predicts nothing.

PREVIEW

Key: Find It and Skip-Count Fill-In

Keep this page for yourself.

Use your chart (page 17), boxes 1 to 6

Box	Fact	Answer
1	6 x 7	42
2	8 x 9	72
3	4 x 12	48
4	9 x 9	81
5	7 x 11	77
6	12 x 12	144

Use your chart (page 17), boxes 7 to 12

Box	Fact	Answer
7	3 x 8	24
8	5 x 11	55
9	6 x 12	72
10	8 x 8	64
11	7 x 9	63
12	11 x 12	132

Skip-count fill-in (page 16)

Strip	The twelve numbers
Count by 3	3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36
Count by 4	4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48
Count by 6	6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72
Count by 7	7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84
Count by 8	8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96
Count by 9	9, 18, 27, 36, 45, 54, 63, 72, 81, 90, 99, 108

The last row is the child's own: any number from 2 to 12 works, and the twelve boxes are that number counted twelve times.

What I noticed (my notes)

PREVIEW

A Note Home: The Multiplication Chart

One page to send home when you start the chart.

Date _____ Class _____ Teacher _____

Dear families,

This week we are using a multiplication chart. To find an answer, put one finger on the first number in the first column and one finger on the second number in the top row, then slide them until they meet. We also count by one number at a time, like 2, 4, 6, 8.

x	1	2	3	4	5
1	1	2	3	4	5
2	2	4	6	8	10
3	3	6	9	12	15
4	4	8	12	16	20
5	5	10	15	20	25

This week we are practicing

_____

_____

You can try this at home

Count by one number together on stairs, in the car, or while you walk. Ask your child to show you how to find a fact on the chart.

_____

A note from me (your words)

_____

_____

_____

Thank you, (teacher) _____ Family signature, if your school asks for one _____

PREVIEW

Phrase Bank

Fill each blank with what you really saw and heard.

Reading the chart

- "Put one finger on ____ in the first column and one on ____ in the top row. Slide them until they meet."
- "Where did your fingers meet? Read me the number."
- "Find ____ x ____ on the chart. Now find ____ x ____. What do you notice?"
- "Which row has the number ____ in it? Which column?"

Skip counting

- "Count by ____ with the strip. Touch each number as you say it."
- "Say the next number before you look."
- "How many jumps to get to ____? Which fact is that?"
- "Cover one box on the strip. Can you say what is under it?"

Noticing what a child did

- "You found ____ x ____ and checked it a second way."
- "You filled in ____ boxes by yourself."
- "You fixed it yourself. Tell me what you changed."
- "You saw that ____ x ____ and ____ x ____ land on the same number."

Sentence starters for children

- I found ____ x ____ where the row and the column meet.
- When I count by ____, the next number is ____.
- I notice that the row for ____ goes ____.
- I filled in ____ boxes and I want to practice ____.

For the note home

- This week we are using a multiplication chart to find and learn facts.
- Your child can show you how to find ____ x ____ on the chart.
- Try counting by ____ together (on stairs, in the car, while you walk).
- Thank you for ____ (what the family did to help).

PREVIEW