MULTIPLICATION FLASH CARDS

PRINTABLE TO 12 | FACTS 0-12



169 FACT CARDS

ANSWERS ON BACK

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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 practice answer boxes, the record sheet and the family note 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 cards keep their size and the fronts line up with the backs. Cardstock holds up best for cards that will be handled every day. Every page is readable in black and white. The page with the printing steps shows how to print two-sided.

About the facts

The cards show the multiplication facts from 0 times 0 to 12 times 12. Your own math program and your school decide the order and the pace. Use the blank cards to add the facts a child needs most.

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

Printing the Cards Two-Sided

Print at 100 percent, then check one pair of sheets before you print the rest.

Two-sided printing

- Print pages 7 and 8 first. Page 7 is the facts and page 8 is the answers.
- In the print window, choose two-sided and flip on the **long edge** (the same choice as for a book that turns like a page).
- Turn off fit to page and shrink to fit. Print at 100 percent or actual size.
- Hold the sheet up to a window. Every answer should sit behind its own fact.
- Pairs follow in order: pages 9 and 10, and so on to pages 31 and 32.

No two-sided printing?

- Print the sheets of facts (the first page of each pair). Put the paper back in the tray with the blank side up.
- Print the sheets of answers on the blank side. Printers feed paper differently, so test with one sheet first.
- If the answers are upside down, turn the stack around and try again.

How the backs line up

Top row of the sheet of facts for the 7s (page 21)

7 × 0	7 × 1	7 × 2	7 × 3

flip the paper over, left to right, like turning a page in a book

Top row of the sheet of answers, seen from the back (page 22)

21	14	7	0

The answers run right to left on the page, so each answer ends up behind its own fact: 7✕0 has 0 behind it, 7✕3 has 21.

Cutting

- Cards sit edge to edge, 4 across and 4 down, with no gaps. Cut the sheet into rows first, then cut each row apart.
- Cut off the thin outer margin of the sheet. Cut inside the colored line to remove it, or on the line to keep it.

PREVIEW

Card Map: Where Is Each Family?

169 fact cards in 13 families. Each family has a sheet of facts, a sheet of answers and 3 blank cards. The facts run from 0✕0 to 12✕12 and both orders have a card: 6✕7 is in the 6s and 7✕6 is in the 7s.

Family	Facts on the front	Facts page	Answers page	Last answer
0	0✕0 to 0✕12	7	8	0
1	1✕0 to 1✕12	9	10	12
2	2✕0 to 2✕12	11	12	24
3	3✕0 to 3✕12	13	14	36
4	4✕0 to 4✕12	15	16	48
5	5✕0 to 5✕12	17	18	60
6	6✕0 to 6✕12	19	20	72
7	7✕0 to 7✕12	21	22	84
8	8✕0 to 8✕12	23	24	96
9	9✕0 to 9✕12	25	26	108
10	10✕0 to 10✕12	27	28	120
11	11✕0 to 11✕12	29	30	132
12	12✕0 to 12✕12	31	32	144

PREVIEW

The 1s: facts. Cut the cards apart.

1 × 0	1 × 1	1 × 2	1 × 3
1 × 4	1 × 5	1 × 6	1 × 7
1 × 8	1 × 9	1 × 10	1 × 11
1 × 12	_____ × _____ my own fact	_____ × _____ my own fact	_____ × _____ my own fact

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The 2s: facts. Cut the cards apart.

2 × 0	2 × 1	2 × 2	2 × 3
2 × 4	2 × 5	2 × 6	2 × 7
2 × 8	2 × 9	2 × 10	2 × 11
2 × 12	___ × ___ my own fact	___ × ___ my own fact	___ × ___ my own fact

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The 3s: answers. Print on the back of the facts.

9 3 × 3 = 9	**6** 3 × 2 = 6	**3** 3 × 1 = 3	**0** 3 × 0 = 0
21 3 × 7 = 21	**18** 3 × 6 = 18	**15** 3 × 5 = 15	**12** 3 × 4 = 12
33 3 × 11 = 33	**30** 3 × 10 = 30	**27** 3 × 9 = 27	**24** 3 × 8 = 24
answer _____	answer _____	answer _____	**36** 3 × 12 = 36

PREVIEW

The 4s: answers. Print on the back of the facts.

12 4 × 3 = 12	8 4 × 2 = 8	4 4 × 1 = 4	0 4 × 0 = 0
28 4 × 7 = 28	24 4 × 6 = 24	20 4 × 5 = 20	16 4 × 4 = 16
44 4 × 11 = 44	40 4 × 10 = 40	36 4 × 9 = 36	32 4 × 8 = 32
answer _____	answer _____	answer _____	48 4 × 12 = 48

PREVIEW

The 6s: facts. Cut the cards apart.

6 × 0	6 × 1	6 × 2	6 × 3
6 × 4	6 × 5	6 × 6	6 × 7
6 × 8	6 × 9	6 × 10	6 × 11
6 × 12	____ × ____ my own fact	____ × ____ my own fact	____ × ____ my own fact

PREVIEW

The 7s: facts. Cut the cards apart.

7 × 0	7 × 1	7 × 2	7 × 3
7 × 4	7 × 5	7 × 6	7 × 7
7 × 8	7 × 9	7 × 10	7 × 11
7 × 12	___ × ___ my own fact	___ × ___ my own fact	___ × ___ my own fact

PREVIEW

The 8s: answers. Print on the back of the facts.

24 8 × 3 = 24	**16** 8 × 2 = 16	**8** 8 × 1 = 8	**0** 8 × 0 = 0
56 8 × 7 = 56	**48** 8 × 6 = 48	**40** 8 × 5 = 40	**32** 8 × 4 = 32
88 8 × 11 = 88	**80** 8 × 10 = 80	**72** 8 × 9 = 72	**64** 8 × 8 = 64
answer _____	answer _____	answer _____	**96** 8 × 12 = 96

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The 9s: answers. Print on the back of the facts.

27 9 × 3 = 27	**18** 9 × 2 = 18	**9** 9 × 1 = 9	**0** 9 × 0 = 0
63 9 × 7 = 63	**54** 9 × 6 = 54	**45** 9 × 5 = 45	**36** 9 × 4 = 36
99 9 × 11 = 99	**90** 9 × 10 = 90	**81** 9 × 9 = 81	**72** 9 × 8 = 72
answer _____	answer _____	answer _____	**108** 9 × 12 = 108

PREVIEW

The 11s: facts. Cut the cards apart.

11 × 0	11 × 1	11 × 2	11 × 3
11 × 4	11 × 5	11 × 6	11 × 7
11 × 8	11 × 9	11 × 10	11 × 11
11 × 12	___ × ___ my own fact	___ × ___ my own fact	___ × ___ my own fact

PREVIEW

The 12s: facts. Cut the cards apart.

12 × 0	12 × 1	12 × 2	12 × 3
12 × 4	12 × 5	12 × 6	12 × 7
12 × 8	12 × 9	12 × 10	12 × 11
12 × 12	× ____ my own fact	× ____ my own fact	× ____ my own fact

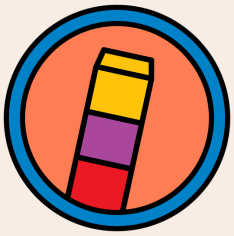
PREVIEW

My name _____

Say the answer. Put the card on the mat.



I know it!



Still learning

PREVIEW

When you know a card without counting, move it over.

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My name _____

Write the answer to each fact.

2 × 3 =	5 × 4 =	1 × 7 =
10 × 6 =	0 × 8 =	2 × 9 =
5 × 7 =	10 × 3 =	1 × 12 =
2 × 6 =	5 × 9 =	0 × 11 =

PREVIEW

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My name _____

Write the answer to each fact.

7 × 8 =	9 × 6 =	12 × 4 =
11 × 11 =	8 × 8 =	9 × 7 =
12 × 12 =	7 × 7 =	8 × 12 =
9 × 9 =	11 × 7 =	12 × 8 =

PREVIEW

Record Sheet

Under each family, write a date or a check when the child knows every card of that family without counting. A blank box means not checked yet.

Class _____ Teacher _____ Date _____

Student	×0	×1	×2	×3	×4	×5	×6	×7	×8	×9	×10	×11	×12	Notes

PREVIEW

Family to teach again

_____

Facts to put on blank cards

_____

A Note to Families

One page to send home when you start the multiplication facts.

Date _____ Class _____ Teacher _____

Dear families,

In our room we are practicing the multiplication facts from 0 times 0 to 12 times 12 with flash cards. The fact is on the front and the answer is on the back. Children say the answer first and then flip the card to check.

This week we are learning

_____

_____

You can try this together

Hold up a card. Ask your child to say the answer, then flip to check. Put the cards that are easy in one pile and the ones still being learned in another. Five minutes is plenty. Stop while it is still going well.

_____

_____

Facts we are working on (your words)

_____

_____

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 see in your room.

Quizzing with the cards

- "Say the answer first. Then flip the card to check."
- "Read the fact out loud: seven times eight."
- "Tell me how you know. Did you count by sevens or use a fact you know?"
- "That card goes in the still learning pile. We will see it again tomorrow."

Sorting

- "Say the answer without looking. Did you get it right away?"
- "Put it under I know it only if you can say it without counting."
- "Which pile is getting bigger? Which pile do you want to shrink?"
- "Pick two still learning cards to practice tonight."

Fixing a mix-up

- "Check the back. What does the card say?"
- "Say the whole fact again with the answer: six times seven equals forty-two."
- "Try the other order. Does seven times six give the same answer?"
- "Good checking. You fixed it yourself."

Sentence starters for children

- The fact I know best is ____ because ____.
- A fact I am still learning is ____. The answer is ____.
- I can figure out ____ by ____.
- Today I moved ____ cards to I know it.

For the note home

- This week we are practicing the facts for the ____ with flash cards.
- Please ask your child to say the answer first and then flip the card to check.
- Five minutes is plenty. Stop while it is still going well.
- Thank you for ____ (what the family did to help).

PREVIEW