

MATH FACTS • GRADES K-2

Addition Flash Cards 0-12

Fold-over • no duplex printer needed • 91 cards, each pair once

One-sided. Cut out each card, fold it in half, and the answer is on the back — no double-sided printing needed.

91

cards

27

pages

4

per page

3.5 × 2.5 in

card size

Aligned to **CCSS 1.OA.C.6, 2.OA.B.2**. What that covers, and what it does not, is on page 2.



This bar is exactly 1 inch. If it is not, the printer scaled the page — set printing to **100% / Actual size**, not “Fit to page”.

More free printable worksheets at

whatistheurl.com

HOW TO PRINT

- **Print at 100% / Actual size.** “Fit to page” shrinks the sheet by about 6%, and the cards stop fitting the box or sleeve they were sized for. Check the inch bar on the cover.
- **Card stock, 65–110 lb (176–300 gsm),** if you have it. Plain paper works, but you can read a fact through the back of it, which defeats the card.
- **Single-sided.** Nothing in this file needs a duplex printer, and nothing has to line up with anything on the other side of the paper.

CUTTING THEM OUT

- The cut lines run to the edge of the paper, so a **paper trimmer takes a whole row in one pass.** Stack four or five sheets and cut them together.
- Trim the outside margins off first, then the rows, then the columns.
- Nothing printed sits within **1/8 inch** of a cut line, so a slightly crooked cut still leaves every digit whole.
- Each cell is **one card printed twice.** Cut on the solid lines, then fold **backwards** on the dashed line — the answer, printed upside down, comes up the right way round on the back.

STANDARDS

CCSS 1.OA.C.6

CCSS 2.OA.B.2

Add and subtract within 20; know from memory all sums of two one-digit numbers.

Beyond Common Core

2.OA.B.2 is **all sums of two one-digit numbers**, so the 10, 11 and 12 facts in this deck sit outside it. They are here because most US classrooms still drill them — but they are long-standing practice, not a Common Core requirement, and nothing on this page claims otherwise.

FIVE WAYS TO USE THEM

- **Sort into three piles** — knew it instantly, worked it out, no idea. Then only drill the third pile. Ten minutes on eight cards beats an hour on a hundred and sixty-nine, and a deck that is mostly unknown stops being practice and becomes a test.
- **Beat the clock.** Time one pass through a pile, write the time on a sticky note, try to beat it tomorrow. The child competes with yesterday, not with the class.
- **Turn one over.** Show the answer and ask for a fact that makes it. There is always more than one, and finding the second is where the thinking is.
- **Two-player war.** Both players flip a card; whoever answers first keeps the pair. Uneven pairs are fine — the faster child gets the harder pile.
- **Ten on a ring.** Punch a corner, put this week's ten facts on a binder ring, keep it in a bag. Swap one out each time it gets easy.

KEEPING THEM

- A **3×5 index-card box** with the A-Z dividers relabelled +0, +1, +2 and so on keeps a whole deck sorted by family.
- A **zip bag per family**, hole-punched into a folder, survives a school bag better than anything else.

IF A CHILD IS STUCK

- Cut the deck down to the eight facts they actually miss.
- Say the whole sentence out loud — “seven plus eight is fifteen” — not just the answer. The sentence is what gets remembered.
- Read the cards answer-first for a week before asking for recall. Recognising comes before retrieving, and starting with retrieval is what teaches a child they are bad at maths.

WHAT IS ON EACH SHEET

The sheets run in fact-family order, so a child can work through one family at a time rather than meeting all of them at once.

Sheet 1	0 + 0 to 0 + 3	Sheet 13	4 + 6 to 4 + 9
Sheet 2	0 + 4 to 0 + 7	Sheet 14	4 + 10 to 5 + 5
Sheet 3	0 + 8 to 0 + 11	Sheet 15	5 + 6 to 5 + 9
Sheet 4	0 + 12 to 1 + 3	Sheet 16	5 + 10 to 6 + 6
Sheet 5	1 + 4 to 1 + 7	Sheet 17	6 + 7 to 6 + 10
Sheet 6	1 + 8 to 1 + 11	Sheet 18	6 + 11 to 7 + 8
Sheet 7	1 + 12 to 2 + 4	Sheet 19	7 + 9 to 7 + 12
Sheet 8	2 + 5 to 2 + 8	Sheet 20	8 + 8 to 8 + 11
Sheet 9	2 + 9 to 2 + 12	Sheet 21	8 + 12 to 9 + 11
Sheet 10	3 + 3 to 3 + 6	Sheet 22	9 + 12 to 10 + 12
Sheet 11	3 + 7 to 3 + 10	Sheet 23	11 + 11 to 12 + 12
Sheet 12	3 + 11 to 4 + 5		

THE WHOLE TABLE

+	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	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	13
2	2	3	4	5	6	7	8	9	10	11	12	13	14
3	3	4	5	6	7	8	9	10	11	12	13	14	15
4	4	5	6	7	8	9	10	11	12	13	14	15	16
5	5	6	7	8	9	10	11	12	13	14	15	16	17
6	6	7	8	9	10	11	12	13	14	15	16	17	18
7	7	8	9	10	11	12	13	14	15	16	17	18	19
8	8	9	10	11	12	13	14	15	16	17	18	19	20
9	9	10	11	12	13	14	15	16	17	18	19	20	21
10	10	11	12	13	14	15	16	17	18	19	20	21	22
11	11	12	13	14	15	16	17	18	19	20	21	22	23
12	12	13	14	15	16	17	18	19	20	21	22	23	24

The diagonal is the doubles — the facts children learn first and fastest.

$$0 + 0$$

FOLD

0

$$0 + 1$$

FOLD

1

$$0 + 2$$

FOLD

2

$$0 + 3$$

FOLD

3

$$0 + 4$$

FOLD

4

$$0 + 5$$

FOLD

5

$$0 + 6$$

FOLD

6

$$0 + 7$$

FOLD

7

$$0 + 8$$

FOLD

8

$$0 + 9$$

FOLD

6

$$0 + 10$$

FOLD

10

$$0 + 11$$

FOLD

11

$$0 + 12$$

$$1 + 1$$

FOLD

FOLD

12

2

$$1 + 2$$

$$1 + 3$$

FOLD

FOLD

3

4

$$1 + 4$$

FOLD

5

$$1 + 5$$

FOLD

9

$$1 + 6$$

FOLD

7

$$1 + 7$$

FOLD

8

$$1 + 8$$

FOLD

6

$$1 + 9$$

FOLD

10

$$1 + 10$$

FOLD

11

$$1 + 11$$

FOLD

12

whatistheurl.com

$$1 + 12$$

FOLD

13

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$$2 + 2$$

FOLD

4

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$$2 + 3$$

FOLD

5

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$$2 + 4$$

FOLD

9

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$$2 + 5$$

FOLD

7

$$2 + 6$$

FOLD

8

$$2 + 7$$

FOLD

9

$$2 + 8$$

FOLD

10

$$2 + 9$$

FOLD

11

$$2 + 10$$

FOLD

12

$$2 + 11$$

FOLD

13

$$2 + 12$$

FOLD

14

$$3 + 3$$

FOLD

9

$$3 + 4$$

FOLD

7

$$3 + 5$$

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8

$$3 + 6$$

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$$12 + 12$$

FOLD

24