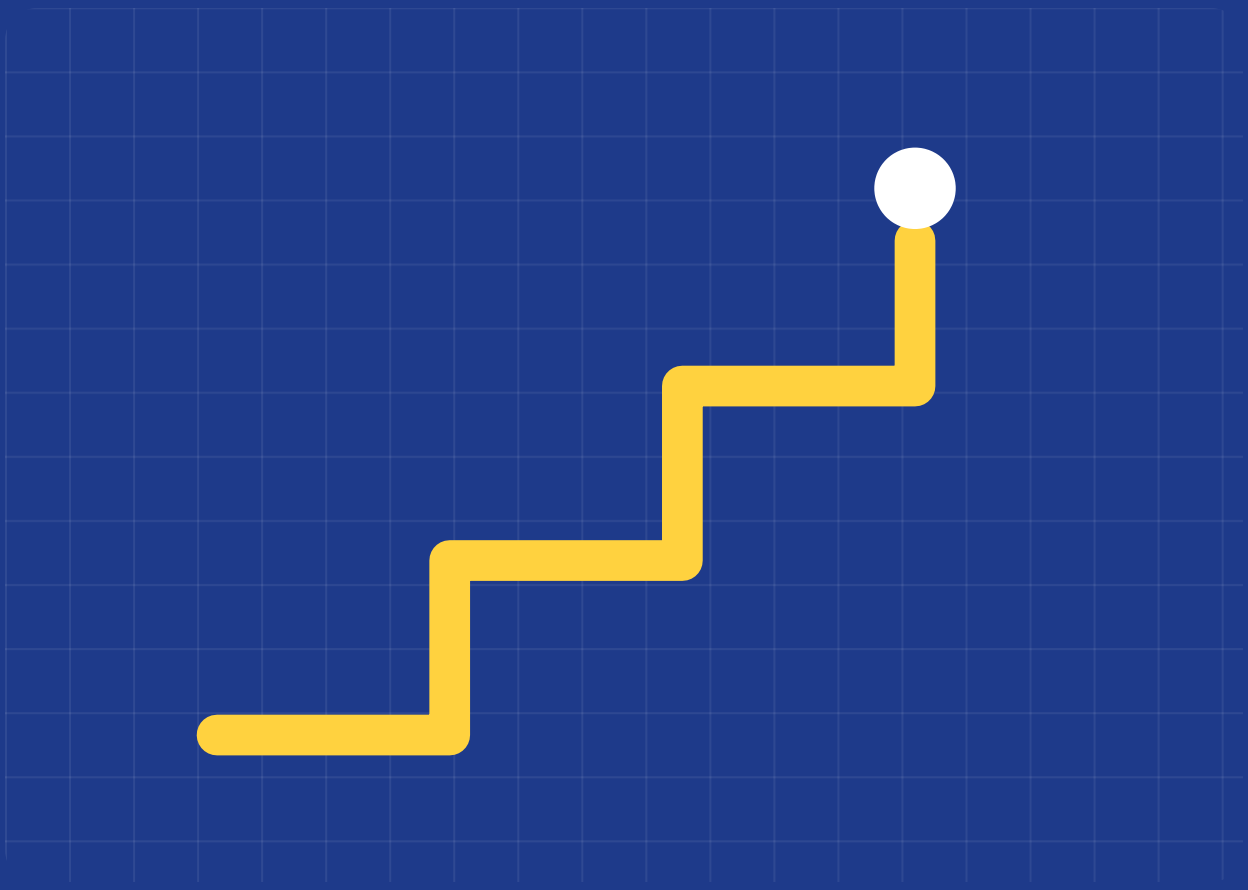
UpOnly Learning



GRADE K

FREE SAMPLE WORKBOOK

Math Grade K

One step at a time. · Ages 5–6 · Free sample: 1 of 8 topics

UO-MATH-K

OUR STORY

One step at a time

I'm Dr. Evan J. Hasson. I've run a specific chiropractic practice for over twelve years, and I'm a dad of three. My work is about alignment: get the structure right, and everything else works better.

At home, nothing was aligned. I was spending thousands a month on tutors, extracurriculars and programs, and when I asked about enrolling a second or third child the answer was always the same: that'll be double, that'll be triple. The charter school had a waiting list. The good public school had a waiting list. The private schools had the kind of list where it helps to know someone, or to give generously first.

And underneath all of it, the same quiet threat: if you don't pay for this, your child will fall behind. Not sold with evidence. Sold with fear.

So I did my own research, and here is what I found: none of it is secret. The standards are published. The order a child should learn in is written down and freely available. It is just scattered. Nobody had done the work of pulling it together, putting it in order and handing it over. So I did.

When every step has its place, confusion has nowhere to hide.

I built this for my own kids. I'm giving it to yours.

Dr. Evan J. Hasson, DC
Founder and dad of three

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No guaranteed results, and mistakes happen. Every student learns differently. We write and review every question and answer key carefully, and we still get things wrong — an answer key can be wrong, and a question can be worded badly or have two defensible answers. Check the answer key before you hand it over, and trust your own judgment over ours. Found a problem? **Photograph the page and email it to support@uponlylearning.com** — the picture tells us more than a description, and we fix it for every family.

Safety. Some activities use household items such as scissors, coins or food. An adult should supervise and skip anything unsafe for the student.

Not professional advice. This workbook does not replace an evaluation by a qualified educator or specialist. The founder is a Doctor of Chiropractic; UpOnly Learning does not provide medical or health advice.

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INTRODUCTION

How to use this workbook

Each topic follows the same steps, so your student always knows what comes next.

① **Quick Check.** 10 questions before you teach. Read them aloud for younger students. A high score means you can move faster.

② **Learn It.** Key words, step-by-step teaching with lines you can read aloud, worked examples and the mistakes to watch for.

③ **We Do It Together.** 10 questions you do side by side. The answer and the "why" are printed right after each question, so you can talk it through.

④ **You Try.** 10 questions your student does alone.

Answers with short explanations for every question are in the **Answer Key** at the end of each topic, so students can work without peeking. Go over each wrong answer together using the explanation.

This workbook is printed in full color. To save ink, choose "Black and white" or "Grayscale" in your printer settings; every page still works in black and white.

Want online checks that score themselves and track each student's progress? Visit uponlylearning.com.

GRADE K

CONTENTS · UO-MATH-K

Math: Grade K

Free Sample Workbook · Ages 5–6 · 1 of 8 topics, with a Quick Check, a lesson, We Do It Together, You Try and an answer key

Our story

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How to use this workbook

Topic 1 · Counting to 100

Count by ones and tens; count objects and say how many K.CC

Quick Check · Learn It · We Do It Together · You Try · Answer Key

TOPIC 1 · K.CC ↑ CONTENTS

Counting to 100

The student will count aloud to 100 by ones and by tens, count forward from any number, and count up to 20 objects to tell how many there are.

① Quick Check

Do this before the lesson. It shows what your student already knows. Score: ____ / 10

1. What number comes right after 3?

A 5 **B** 2 **C** 4

2. Count with me: 1, 2, 3, 4. What number comes next?

A 5 **B** 3 **C** 6

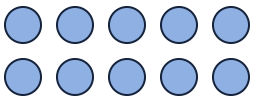
3. Count by tens: 10, 20. What comes next?

A 21 **B** 30 **C** 40

4. What number comes right after 10?

A 11 **B** 20 **C** 12

5. Count the circles. How many?



A 9 **B** 10 **C** 11

6. Count on: 16, 17, 18. What comes next?



A 19 **B** 20 **C** 17

7. What number comes right after 29?

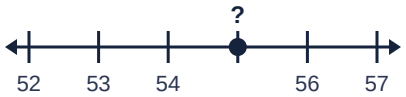


A 40 **B** 20 **C** 30

8. Count on: 89. What comes next?

A 100 **B** 80 **C** 90

9. Which number is missing? 53, 54, ___, 56



A 57 **B** 65 **C** 55

10. Which number comes right before 40?

A 39 **B** 41 **C** 30

② Learn It

Key words

- **count**: saying numbers in order, one for each thing
- **how many**: the total number of things in a group; the last number you say when you count
- **tens**: counting by groups of ten: 10, 20, 30, and so on
- **count on**: start counting from a number that is not 1

Warm-up

1. Sit together and count from 1 to 20 out loud, clapping once for each number.
2. Count again taking turns: you say one number, the student says the next, so the student listens closely to each number.
3. Stop at a random number like 14 and ask: what number comes next?

> *Let's warm up our counting voices. Clap with me every time we say a number.*

Teach

1. Lay out 7 beans in a messy pile. Show how to touch each bean once and slide it to the side as you say the number. Say: one, two, three, four, five, six, seven.
2. Point out that the last number you said tells how many: 'Seven. There are 7 beans.' Then rearrange the beans in a line and ask how many now. Help the student see it is still 7.
3. Show counting by tens: put 10 beans in each of several cups. Point to each cup and say 10, 20, 30, 40, 50. Explain each cup holds ten, so we jump by ten.
4. Use the hundred chart. Run a finger down the last column and read 10, 20, 30 all the way to 100. Then point to a row and read it by ones, such as 41 to 50.

5. Show counting on: put a finger on 23 on the chart and count forward together: 24, 25, 26, 27.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

> *When we count, each thing gets one number, and the last number we say tells us how many there are.*

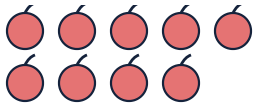
Guided practice

1. Give the student a pile of 12 buttons. Ask them to touch and move each one while counting, then tell you how many.
2. Have the student count by tens to 100 using the last column of the hundred chart, pointing to each number.
3. Name a start number, such as 36, and ask the student to count on until you say stop (around 45). Use the chart to help.
4. Ask the student to count out exactly 15 beans from a big pile. Check together by counting again.

> *You are the counter now. Touch each one, say one number, and slide it over. I'll be your helper.*

Worked examples

There are 9 apples scattered on a table. How many apples are there?



9. Touch each apple once as you say 1, 2, 3, 4, 5, 6, 7, 8, 9. The last number you said, 9, tells how many.

Count on from 57. What are the next four numbers?



58, 59, 60, 61. After 59 comes a new ten, so the next number is 60, then 61.

Watch for these mistakes

Mistake: The student counts some objects twice or skips some, so the total is wrong.
Fix: Have the student slide each object to a new spot as they say its number. Then nothing is counted twice and nothing is missed.

Mistake: After 29 the student says 'twenty-ten' instead of 30.
Fix: Show on the hundred chart that after 29 we start a new row. Practice the tens 10, 20, 30, 40 so the student knows which ten comes next, then count across the change: 28, 29, 30, 31.

③ We Do It Together: 10 questions

> *Do these side by side. Read each question together, let your student answer, then read the answer and the "why" right below it and talk it through.*

1. Which number comes right after 1?

A 3 **B** 0 **C** 2

> **Answer: C** 2
> **Why:** We count 1, 2, 3. Right after 1 comes 2.

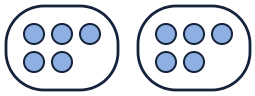
2. Count the circles. How many?



A 8 **B** 10 **C** 9

> **Answer: C** 9
> **Why:** Touch each circle once. The last number you say is 9.

3. Two hands. Count all the dots. How many?



A 10 **B** 5 **C** 9

> **Answer: A** 10
> **Why:** Count all the dots in both groups: 1 up to 10.

4. Count the blocks. How many?



A 2 **B** 3 **C** 1

> **Answer: A** 2
> **Why:** Touch each block: 1, 2. There are 2 blocks.

5. Count by tens: 60, 70. What comes next?

A 90 **B** 80 **C** 71

> **Answer: B** 80
> **Why:** One more ten after 70 is 80.

6. Start at 45 and count on to 50. Say each number.

Answer: 45, 46, 47, 48, 49, 50
Why: Count up by ones until you reach 50.

7. Nina counts her toy cars: 1, 2, 3, 4, 5, 6, 7, 8. How many cars does she have?

A 8 **B** 9 **C** 7

Answer: A 8
Why: The last number she says tells how many: 8 cars.

8. Count the stars. How many?



A 16 **B** 17 **C** 18

Answer: B 17
Why: Touch each star once. The last number you say is 17.

9. Count by tens starting at 40 and stop at 90. Say each number.

Answer: 40, 50, 60, 70, 80, 90
Why: Add one ten each time: 40, 50, 60, 70, 80, 90.

10. Which number is missing? 87, 88, ___, 90



A 91 **B** 80 **C** 89

Answer: C 89
Why: Count by ones: 87, 88, 89, 90.

④ You Try: 10 questions

Now your student works alone. Check answers in the Answer Key at the end of this topic. Score: ____ / 10

1. Count out loud from 1 to 5. What is the last number you say?

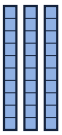
A 6 **B** 5 **C** 4

2. Count on: 5, 6, 7. What comes next?



A 8 **B** 9 **C** 6

3. Count by tens: 10, 20, 30. What comes next?



A 40 **B** 31 **C** 50

4. Start at 71 and count on. What are the next two numbers?

A 72, 73 **B** 81, 91 **C** 72, 74

5. Count by tens from 20 to 60. Which number do you say right after 40?

A 60 **B** 50 **C** 41

6. Count on: 33, 34, 35. What comes next?

A 37 **B** 36 **C** 45

7. What number comes right after 65?

A 67 **B** 66 **C** 75

8. Count on: 97, 98, 99. What comes next?

A 910 **B** 90 **C** 100

9. Start at 62 and count on: 63, 64, 65. How many numbers did you count on?

A 4 **B** 2 **C** 3

10. There are 14 children. Each one gets one cup. How many cups do you need?

A 13 **B** 15 **C** 14

Counting to 100: Answers and explanations

① Quick Check

1. What number comes right after 3?
   C 4
   When we count, we say 3 and then 4.

2. Count with me: 1, 2, 3, 4. What number comes next?
   A 5
   After 4 we say 5.

3. Count by tens: 10, 20. What comes next?
   B 30
   One more ten after 20 is 30.

4. What number comes right after 10?
   A 11
   Count: 9, 10, 11. After 10 comes 11.

5. Count the circles. How many?
   B 10
   Touch each circle once. The last number you say is 10.

6. Count on: 16, 17, 18. What comes next?
   A 19
   After 18 we say 19.

7. What number comes right after 29?
   C 30
   After 29 we start a new ten: 28, 29, 30. We do not say twenty-ten.

8. Count on: 89. What comes next?
   C 90
   After 89 we start a new ten: 90.

9. Which number is missing? 53, 54, ___, 56
   C 55
   Count by ones: 53, 54, 55, 56.

10. Which number comes right before 40?
    A 39
    Count: 38, 39, 40. The number before 40 is 39.

④ You Try

1. Count out loud from 1 to 5. What is the last number you say?

   B 5

   1, 2, 3, 4, 5. The last number is 5.

2. Count on: 5, 6, 7. What comes next?

   A 8

   Keep counting by ones: after 7 comes 8.

3. Count by tens: 10, 20, 30. What comes next?

   A 40

   Counting by tens, each number is one more ten. After 30 comes 40.

4. Start at 71 and count on. What are the next two numbers?

   A 72, 73

   Count by ones: 71, 72, 73.

5. Count by tens from 20 to 60. Which number do you say right after 40?

   B 50

   20, 30, 40, 50, 60. Right after 40 comes 50.

6. Count on: 33, 34, 35. What comes next?

   B 36

   Count by ones: after 35 comes 36.

7. What number comes right after 65?

   B 66

   Count by ones: 64, 65, 66.

8. Count on: 97, 98, 99. What comes next?

   C 100

   After 99 we have 10 tens, which is 100.

9. Start at 62 and count on: 63, 64, 65. How many numbers did you count on?

   C 3

   You said three new numbers after 62: 63, 64 and 65.

10. There are 14 children. Each one gets one cup. How many cups do you need?

    C 14

    One cup for each child means the same number of cups as children: 14.

THE FULL WORKBOOK

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