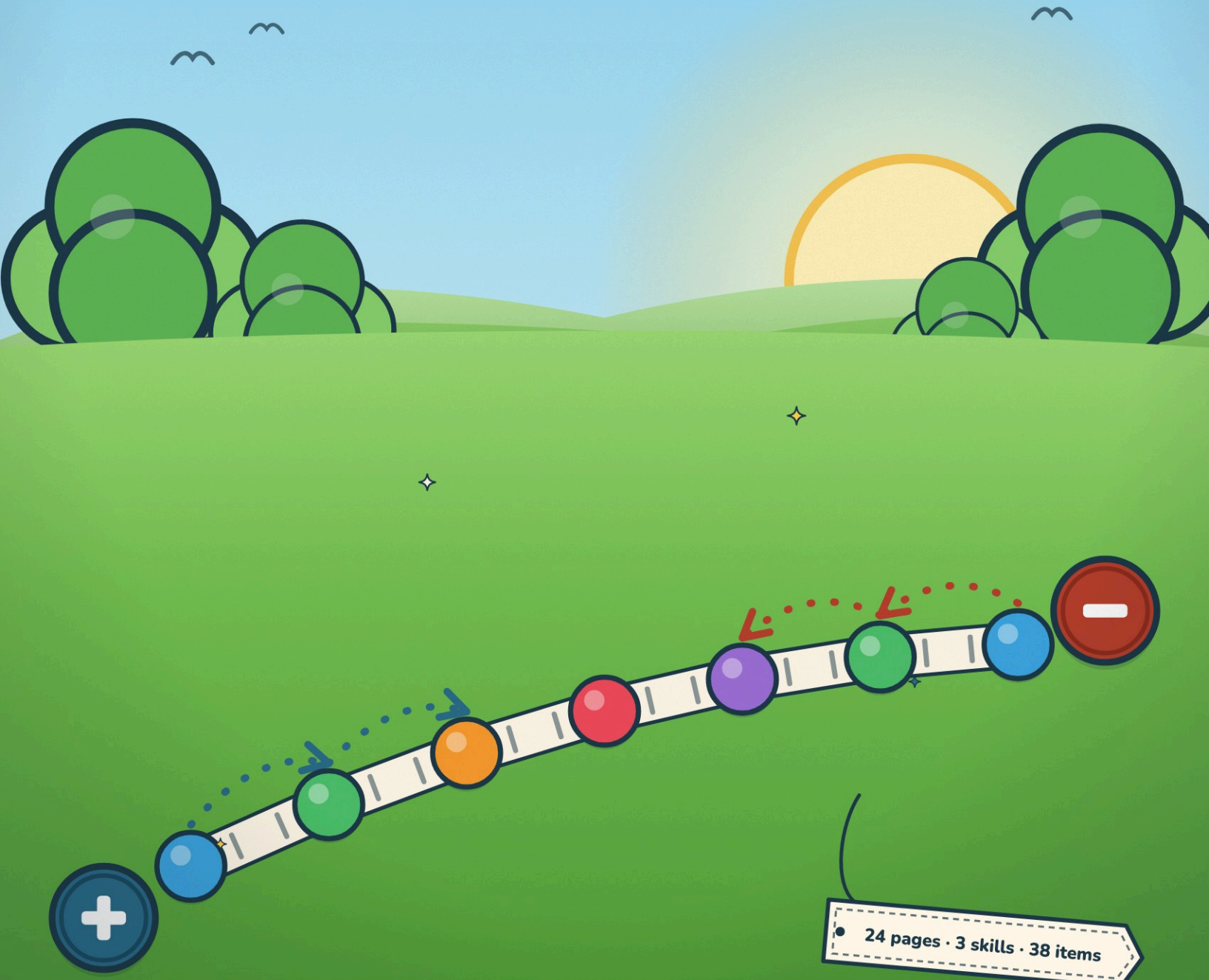
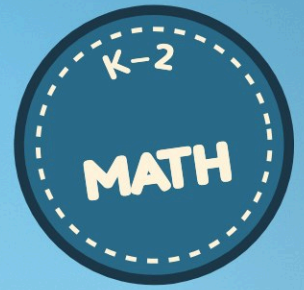


Number Line

Add & Subtract

HOP · ADD · SUBTRACT





One complete kit for the number line: hop forward to add, hop back to subtract, draw the hops yourself, and tell the two apart by the printed sign — on pages with room to work, untimed.

THREE STEPS

1 Look at Ways to Use a Number Line together

Page 5 shows the ring, the hops and the landing dot, forward and back. Read it aloud, then let the child try one of each in the Your turn boxes.

2 Hand over a page

Every student page opens with a name line and one short instruction, and the boxes are big. Nothing on it is written for you. The chart below says which page for which child; the dots at the top right are the only level code.

3 Check it, record it, send it home

The answer keys are pages 14 and 15. Date each page on the tracker (page 16), roll a group up on page 17, and send the home page (19). A filled example is on page 20.

WHICH PAGE, WHEN

WHEN...	USE...
Meeting a number line for the first time	Ways to Use a Number Line, page 5 · Addition Hops A, page 6
Ready to add past 10	Addition Hops A and C, pages 6 and 8
Ready to subtract within 20	Subtraction Hops A and C, pages 9 and 11
Ready to hop and draw the jumps	Addition Hops B, page 7 · Subtraction Hops B, page 10
Ready to tell add and subtract apart	Mixed Hops A and B, pages 12 and 13
Ready to find the missing hop count	Addition Hops C, page 8 · Subtraction Hops C, page 11
Practicing at home	Home page, page 19 · notes: page 18, phrase bank 21

Everything inside (24 pages)

- **8 student pages** in 3 skills: Addition Hops, Subtraction Hops and Mixed Hops
- **38 number-line problems**, every start, hop count and direction different, all computed in code
- **The whole 0 to 20 line** on every page, with hops capped so the arcs never overlap (tested before this file was written)
- **2 answer keys, 1 tracker, 1 class grid**
- **1 team note, 1 home page, 1 filled example, 1 phrase and strategy bank**
- **1 binder cover, 6 divider tabs** and a spine label

What makes it different

Every page uses the same ring-hop-dot picture, so a child who learns it once reads every page in the file. Nothing is timed and nothing on a student page is scored.

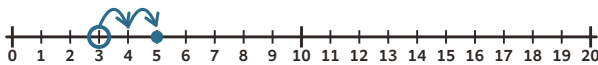


My name: _____

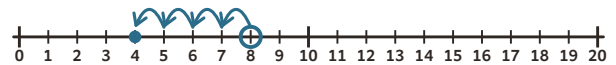
Date _____



Look at the number line four ways. Then try your own.

Hop forward to add**Start at 3. Hop forward 2.**

$$3 + 2 = 5$$

Hop back to subtract**Start at 8. Hop back 4.**

$$8 - 4 = 4$$

The ring and the dot

The open circle is where you start. Each hop is one jump along the line. The filled dot is where you land — that is your answer.

The sign tells you the way

A plus sign (+) hops forward, to the right. A minus sign (−) hops back, to the left. Check the sign before you hop.

Your turn. Pick any number from 0 to 10 and add or subtract a small hop.

Add it

$$\boxed{} + \boxed{} = \boxed{}$$

Subtract it

$$\boxed{} - \boxed{} = \boxed{}$$



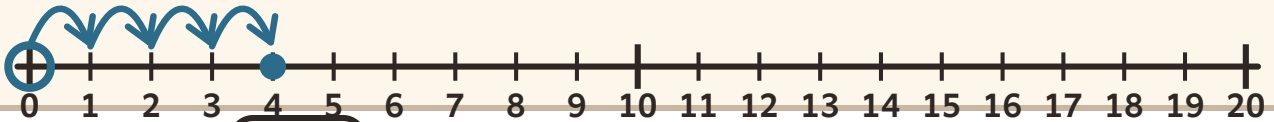
My name: _____

Date _____

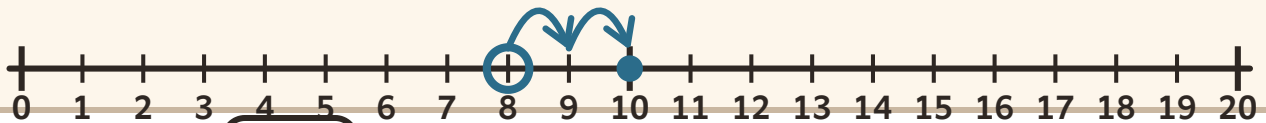


Count the hops. Write where you land.

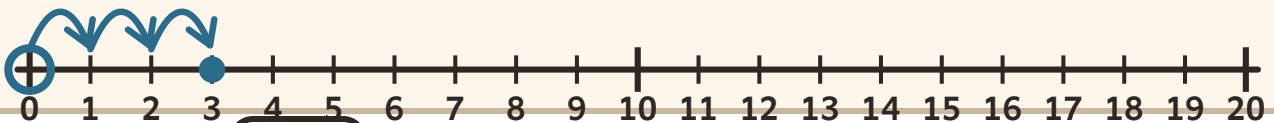
1 $0 + 4 =$



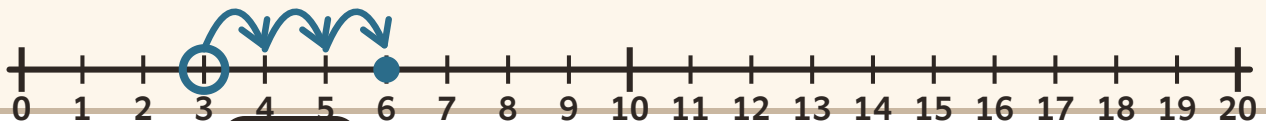
2 $8 + 2 =$



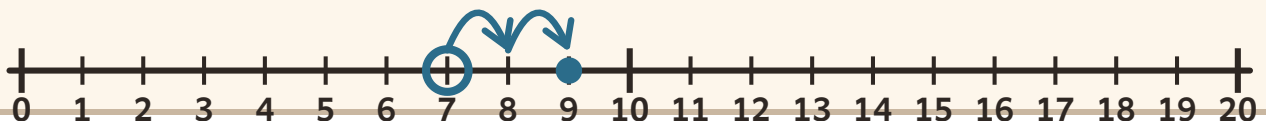
3 $0 + 3 =$



4 $3 + 3 =$



5 $7 + 2 =$





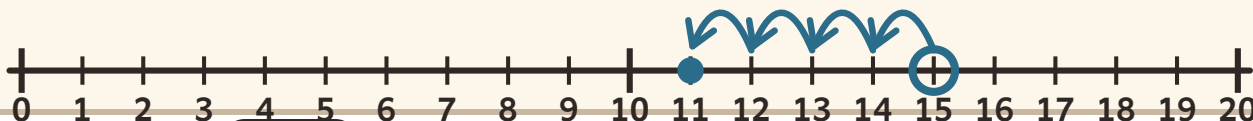
My name: _____

Date _____

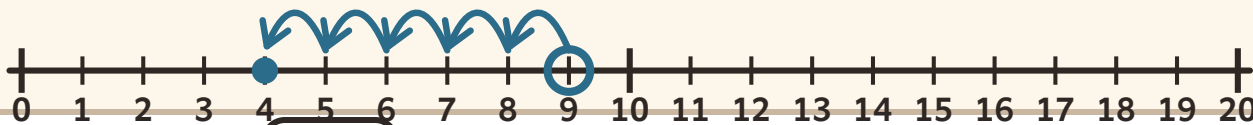


Count the hops back. Write where you land.

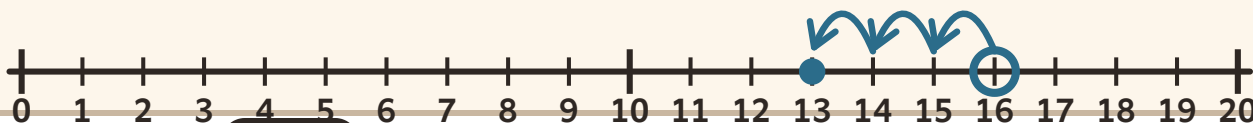
1 $15 - 4 =$



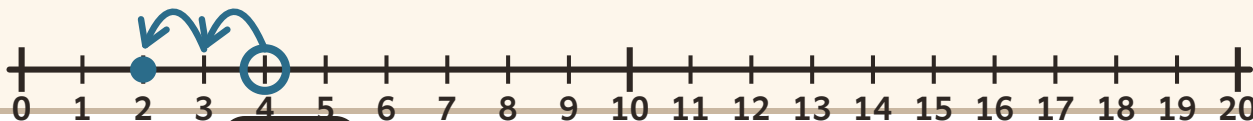
2 $9 - 5 =$



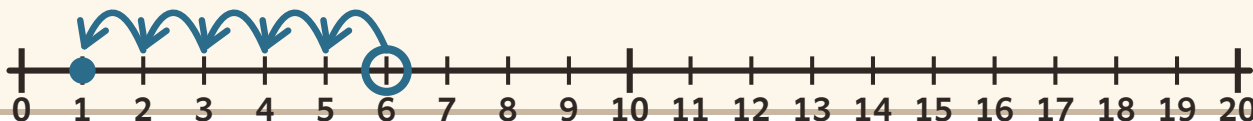
3 $16 - 3 =$



4 $4 - 2 =$



5 $6 - 5 =$





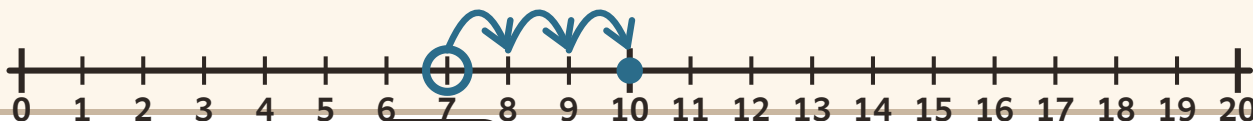
My name: _____

Date _____

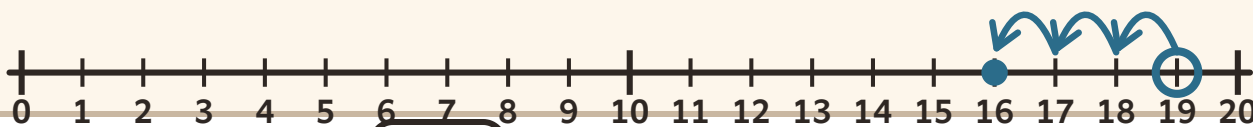


Read the sign. Count the hops. Write the answer.

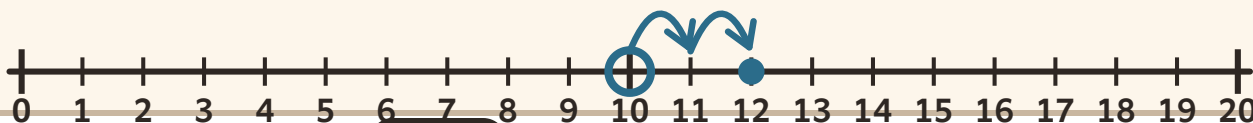
1 $+$ $7 + 3 =$



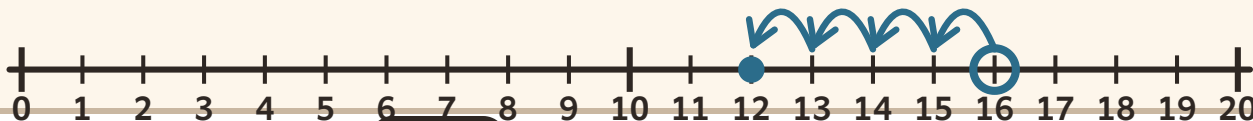
2 $-$ $19 - 3 =$



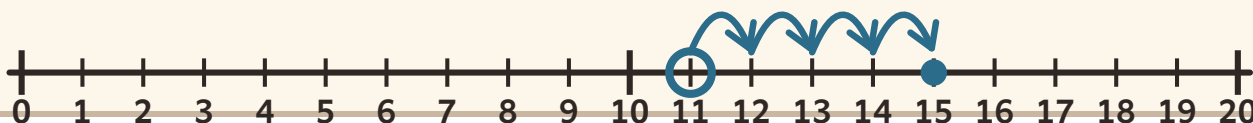
3 $+$ $10 + 2 =$



4 $-$ $16 - 4 =$



5 $+$ $11 + 4 =$





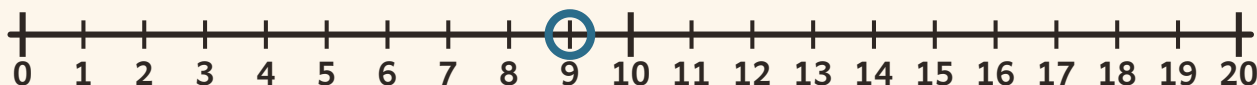
My name: _____

Date _____

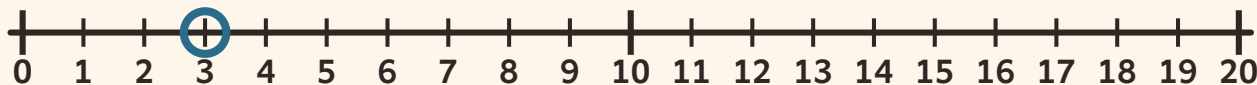


Start at the ring. Draw the hops forward. Write the answer.

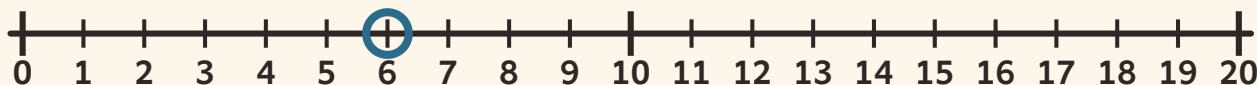
$$1 \quad 9 + 3 = \square$$



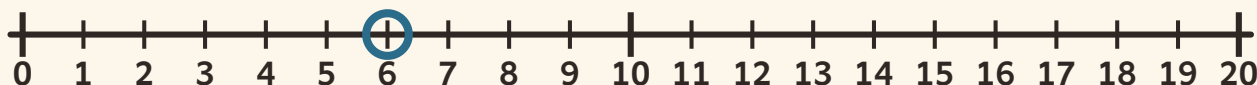
$$2 \quad 3 + 4 = \square$$



$$3 \quad 6 + 2 = \square$$



$$4 \quad 6 + 3 = \square$$





STUDENT

TEACHER

MONTH

PAGE	SKILL AND SET	ITEMS	RIGHT	DATE	NOTES
6	Addition Hops A	5			
7	Addition Hops B	4			
8	Addition Hops C	5			
9	Subtraction Hops A	5			
10	Subtraction Hops B	4			
11	Subtraction Hops C	5			
12	Mixed Hops A	5			
13	Mixed Hops B	5			

How to fill this in

Write how many items the child got right with no prompt, and the date. A blank means not tried yet, never wrong. There are 38 items on the 8 pages above. Answer keys: pages 14 and 15. Filled example: page 20.

Setting a goal, in your own wording

This page records practice; it is not a progress-monitoring probe. If your team wants a timed or scored check for an IEP goal, build that separately and use this tracker to show the practice that led up to it.

THIS MONTH WE ARE WORKING ON (YOUR OWN WORDING)





Priya K. is invented; nothing on this page describes a real student. The blank tracker is on page 16.

STUDENT

TEACHER

MONTH

Priya K. (an invented student)

Mr. Ibrahim (invented)

October

PAGE	SKILL AND SET	ITEMS	RIGHT	DATE	NOTES
6	Addition Hops A	5	4	10/1	–
7	Addition Hops B	4	3	10/2	Counted the ring as a hop once
8	Addition Hops C	5	–	–	–
9	Subtraction Hops A	5	5	10/6	–
10	Subtraction Hops B	4	–	–	–
11	Subtraction Hops C	5	4	10/9	Hopped forward instead of back once
12	Mixed Hops A	5	4	10/13	Read a minus sign as plus once
13	Mixed Hops B	5	–	–	–

How to read it

Priya K. has done **5 of 8** skill sets and got **20 of 24** items right with no prompt. **1** sets were all right. Every number here comes from the table above.

The family note this tracker would produce

“This month Priya finished 5 number-line sets and got 20 of 24 items right. Priya mixed up a hop direction once; a bit more practice reading the sign is next.” — every fact in it is a row of the table above.

What the table points to

Every set with a note is one item short of full: Addition Hops B, Subtraction Hops C, Mixed Hops A. The slips are different kinds, so there is no single next page; the note on each row says what to watch for on it. Sets left blank (3 of 8) are not tried yet, never wrong.

One item from the table, drawn



Addition Hops B, item 1: $9 + 3$. No hops are printed on set B, so Priya rings the start and draws the hops in on the page itself; only the tracker row above records the result.





THANK YOU FOR USING THIS RESOURCE

Everything here was built for the teacher who has a table of children who each need a different amount of support hopping a number line. If this helped, leaving feedback on TPT helps other teachers find it.

Something missing or wrong?

Please use the **Ask a Question** tab on the product page first — every question is read, and a fix to the file is a free update you re-download from **My Purchases**.

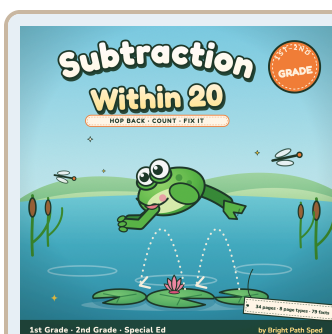
WHAT'S NEXT FROM THIS STORE

The fuller addition and subtraction packs this page's hops are drawn for, the parts-and-wholes idea, and the data side of this skill.



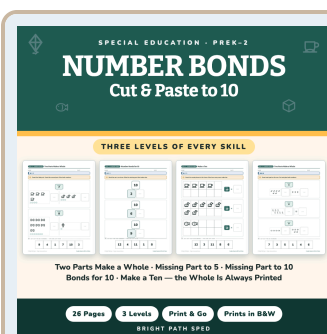
Addition Within 20 Worksheets | Number Line, Count On, Missing Part

Adding to 20, seven ways, including a fuller number-line hop page.



Subtraction Within 20 Worksheets | Number Line, Count Back, Missing Part

The same hop idea, built out with count-back, ten-frames and fix it.



Number Bonds to 10 Cut and Paste, 3 Levels

Parts and wholes to 10, the cut-and-paste way to see a fact.



Addition Within 20 Progress Monitoring Probes

The data side of this skill: ten facts a form for a goal on the IEP.

Part of the K-2 Math Practice collection — new products in this collection are added regularly. Click **Follow** on the store page and TPT will email you when they go up.

Pictures: the number line and every hop arc are drawn by Bright Path Sped (no third-party art). Type: Andika, Fredoka and Patrick Hand, SIL Open Font License.

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