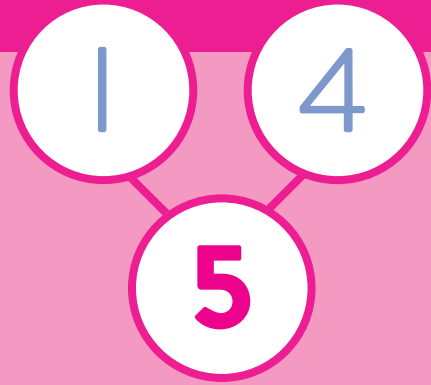
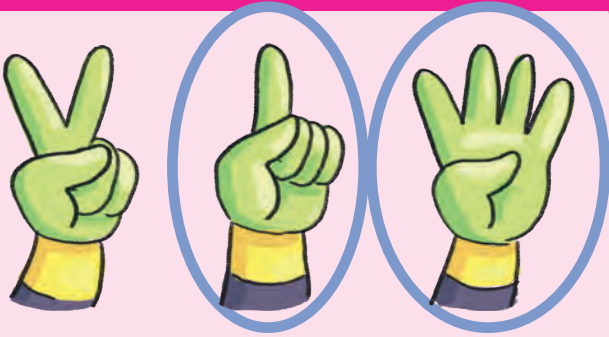
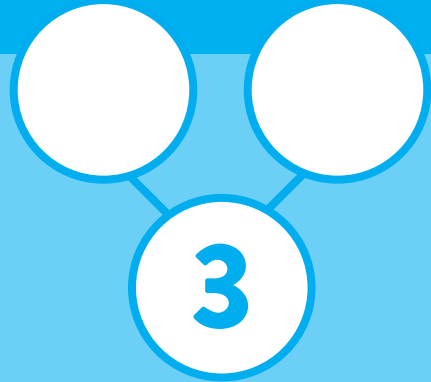


# Addition

Circle the hands that make **5**. Then fill in the missing numbers in the number bond.



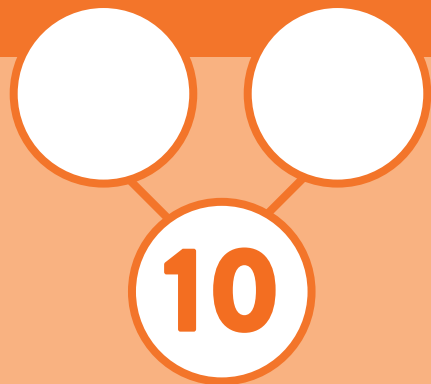
Circle the hands that make **3**. Then fill in the missing numbers in the number bond.



Circle the hands that make **8**. Then fill in the missing numbers in the number bond.

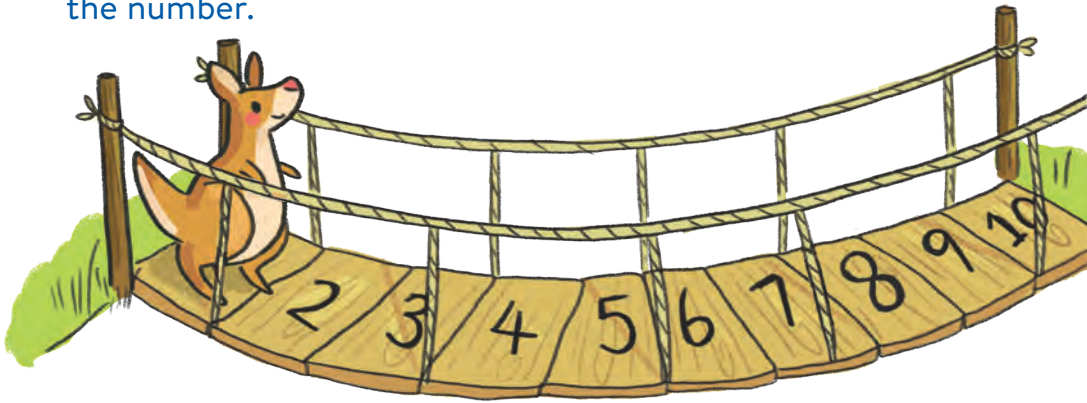


Circle the hands that make **10**. Then fill in the missing numbers in the number bond.

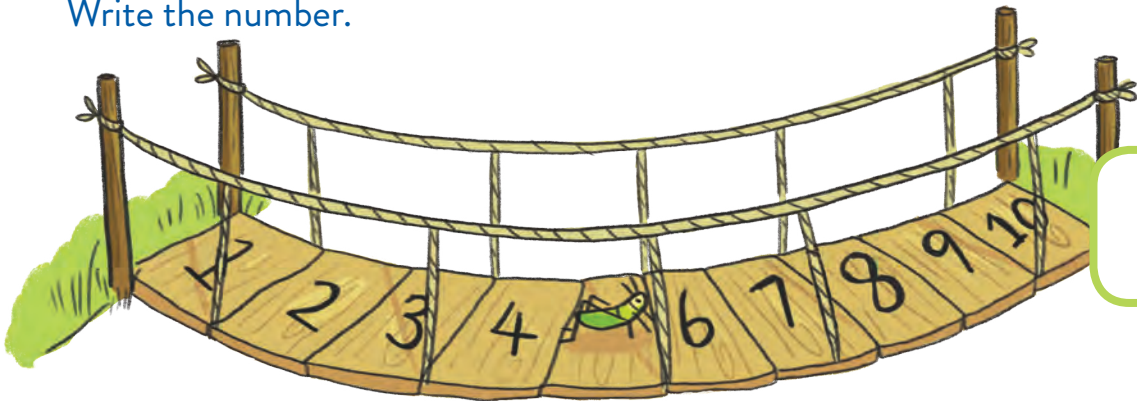


Add by using the number path. Draw where the animal will be next.

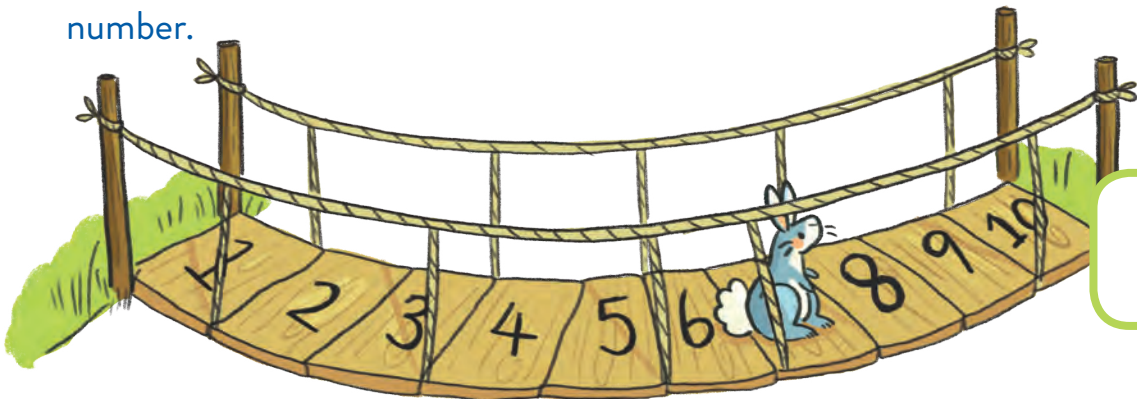
A kangaroo is on 1 and takes 2 steps. Where will he land? Write the number.



A grasshopper is on 5 and takes 3 steps. Where will she land? Write the number.



A rabbit is on 7 and takes 2 steps. Where will he land? Write the number.



A frog is on 9 and takes 1 step. Where will she land? Write the number.



Count the objects in each group. Then fill in the number sentence.



$$\underline{2} + \underline{3} = \underline{5}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



Write each picture as a number sentence.



$$\underline{\quad} + \underline{\quad} = \underline{2}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Do you notice a pattern?  
What happens when you add 1 to any number?



Read each word problem aloud. Then draw it. Last, write the number sentence.

Brian found **3 pink seashells** and **1 orange seashell**. He found **4 seashells** altogether.


$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Amelia is making lunch. She makes **3 ham sandwiches** and **2 cheese sandwiches**. She has **5 sandwiches** altogether.

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Callie loves to dig. She has **1 green shovel** and **1 blue shovel**. She has **2 shovels** altogether.

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Frank is flying his kites. He flies **2 purple kites** and **1 green kite**. He has **3 kites** altogether.

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



Tell a story to match each number sentence. Then draw it.

$$6 + 1 = 7$$

$$7 + 1 = 8$$

$$8 + 1 = 9$$

$$9 + 1 = 10$$



# LET'S START!

GATHER THESE TOOLS AND MATERIALS.



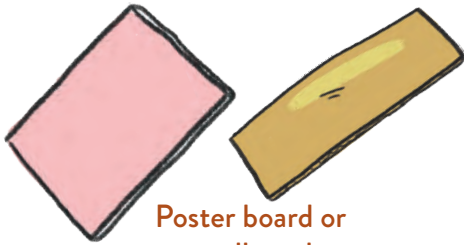
Paper bag  
(lunch bag size)



Markers or crayons



2 or more toilet paper tubes  
or paper towel tubes



Poster board or  
cardboard



Tape



Paper cup



10 coins, beads, or marbles  
(anything smooth that can roll  
or slide easily)

# LET'S TINKER!

**Create** a puppet by adding 1 feature at a time.

**Take** the paper bag, and draw and use the stickers on page 129 to add 1 feature to it, like a mouth.

**Add** 1 more feature to your creation, like a nose. **Keep** adding until you get to 10 features. What did your puppet start as? What did your puppet end up becoming? What happened each time you added something?



# LET'S MAKE: ADDITION MACHINE!

**1. Tape** the sides of the paper tubes to the poster board so that they are angled toward each other.



**2. Draw** a plus sign between the 2 paths.





**3. Tape** a paper cup at the bottom.



**4. Draw** an equal sign on the paper cup.



**5. Now, count** some coins and drop them into one side. Then **count** some more and drop them into the other. **Predict** how many coins are in the cup.

How many coins ended up in the cup? Was it the number you predicted? Could you get everything into the cup? Keep adjusting your materials until your addition machine works correctly!

## LET'S ENGINEER!

*There is a new theater being built in Tinker Town! The MotMots want to put on a play for its opening day, but they don't know what should happen in the play. All they know is that they want the story to be about the number 6—their favorite number.*

*How can the MotMots come up with a story about the number 6?*

**Make** an addition number sentence. Then **think** of a story based on your number sentence, and act it out.

For example, if your number sentence is  $3 + 3 = 6$ , then your story might be: "It's Frank's alligator's birthday! He is turning 6! His dear friend Brian baked him a cake, but they had only 3 candles. How could they get another 3 candles?"



**PROJECT 7: DONE!**

Get your sticker!



# TinkerActive

WORKBOOKS

**TINKER**



**MAKE**



**ENGINEER**



The **NEW** way to  
**LEARN THROUGH PLAY!**

[TinkerActiveWorkbooks.com](http://TinkerActiveWorkbooks.com)

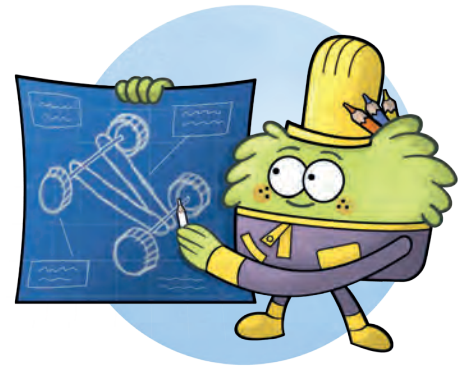


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CHILDREN'S PUBLISHING GROUP

# Discover a New Way to Learn Through Play with TinkerActive!

## DEAR READER,

At the TinkerActive workshop, our mission is to inspire a generation of fearless **learners**, **makers**, and **problem solvers**. We all know that kids have to learn the ABCs and 123s. But the future belongs to the children who learn to think beyond the basics.



So we designed **TINKERACTIVE WORKBOOKS** to do both: build children's foundational knowledge *and* encourage them to try new things, discover new skills, and imagine new possibilities. That's what "Tinker, Make, and Engineer" means to us, and we believe that it can lead to lifelong learners who create a better world.

### Tinker

TRY NEW THINGS

### Make

DISCOVER NEW SKILLS

### Engineer

IMAGINE NEW POSSIBILITIES



## SO HOW DO WE DO IT?

Each chapter includes **curriculum-based activities** as well as tinkering, making, and engineering projects, where kids can actually use the concepts they just learned to solve problems hands-on.

Every TinkerActive Workbook has been created in consultation with an **award-winning teacher** to ensure that we cover the core competencies and align with Common Core State Standards and Next Generation Science Standards.

We also include **achievement stickers** for each project, and a **secret magnetic merit badge** so kids can celebrate their accomplishments!

Our goals are to cheer on your child, to ask, "Why do you think that?" and to help them explore all the possible answers. By supporting your child's innate curiosity, who knows what we might learn together!

Visit [TinkerActiveWorkbooks.com](http://TinkerActiveWorkbooks.com) to learn more about the workbook series and share your workbook fun with **#TinkerActive**.



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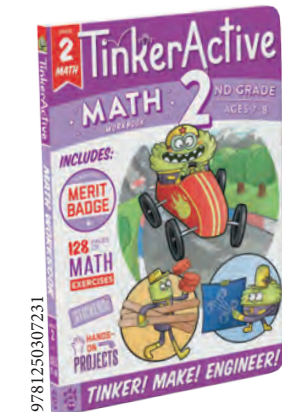
Yours in discovery,

## THE TINKERACTIVE TEAM

# DISCOVER ALL THE TinkerActive! WORKBOOKS



Perfect for grades **K-2**, each TinkerActive workbook comes with 128 pages of interactive **curriculum-based exercises** and exciting **hands-on projects** that utilize common household materials and encourage children to **learn through play**.



VISIT [TINKERACTIVeworkbooks.com](http://TINKERACTIVeworkbooks.com) TO LEARN MORE.