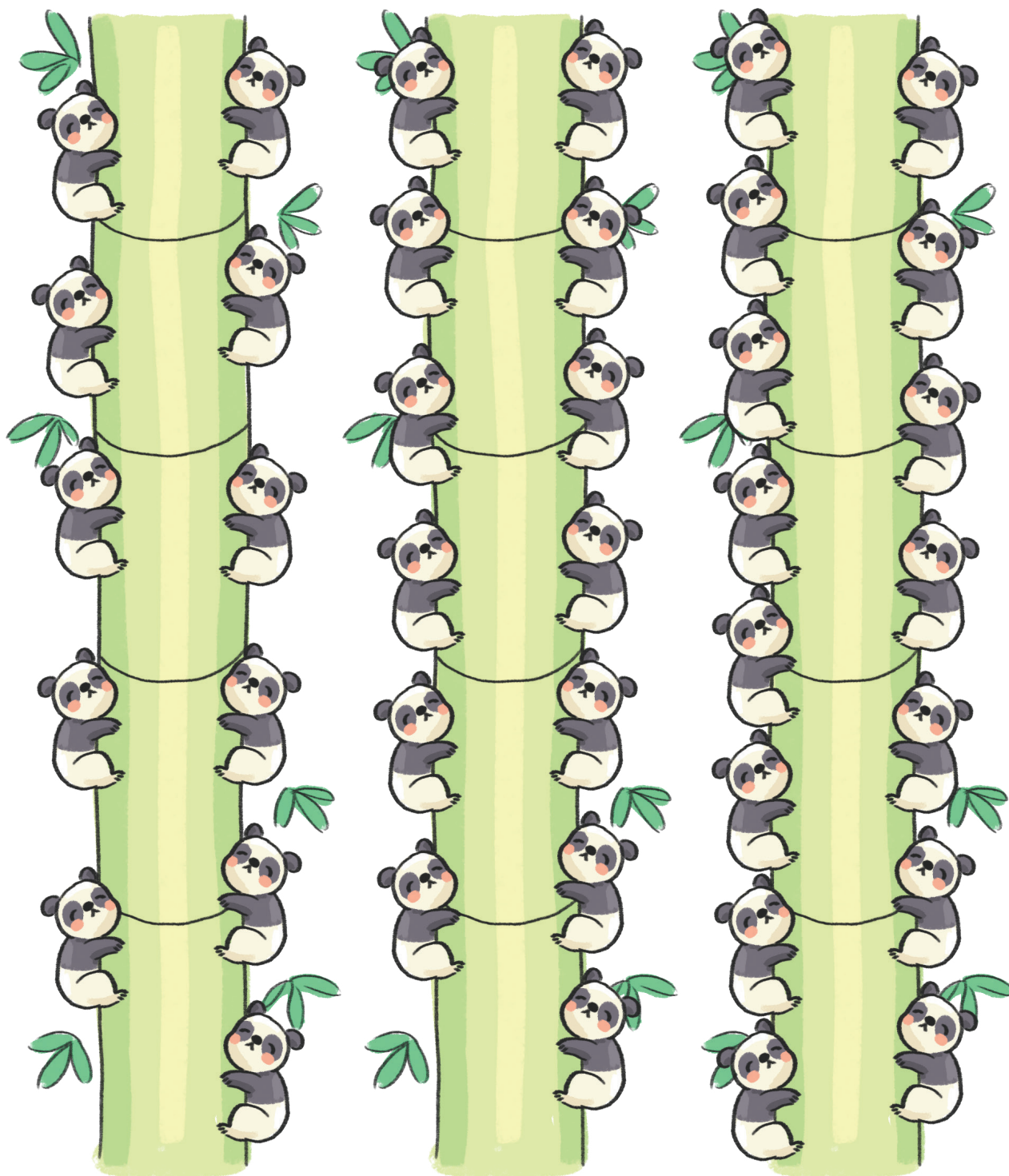


Counting to 20 by Ones

Circle a group of 10 pandas on each tree. Then count how many pandas are left over. Last, trace the total number of pandas on each tree.

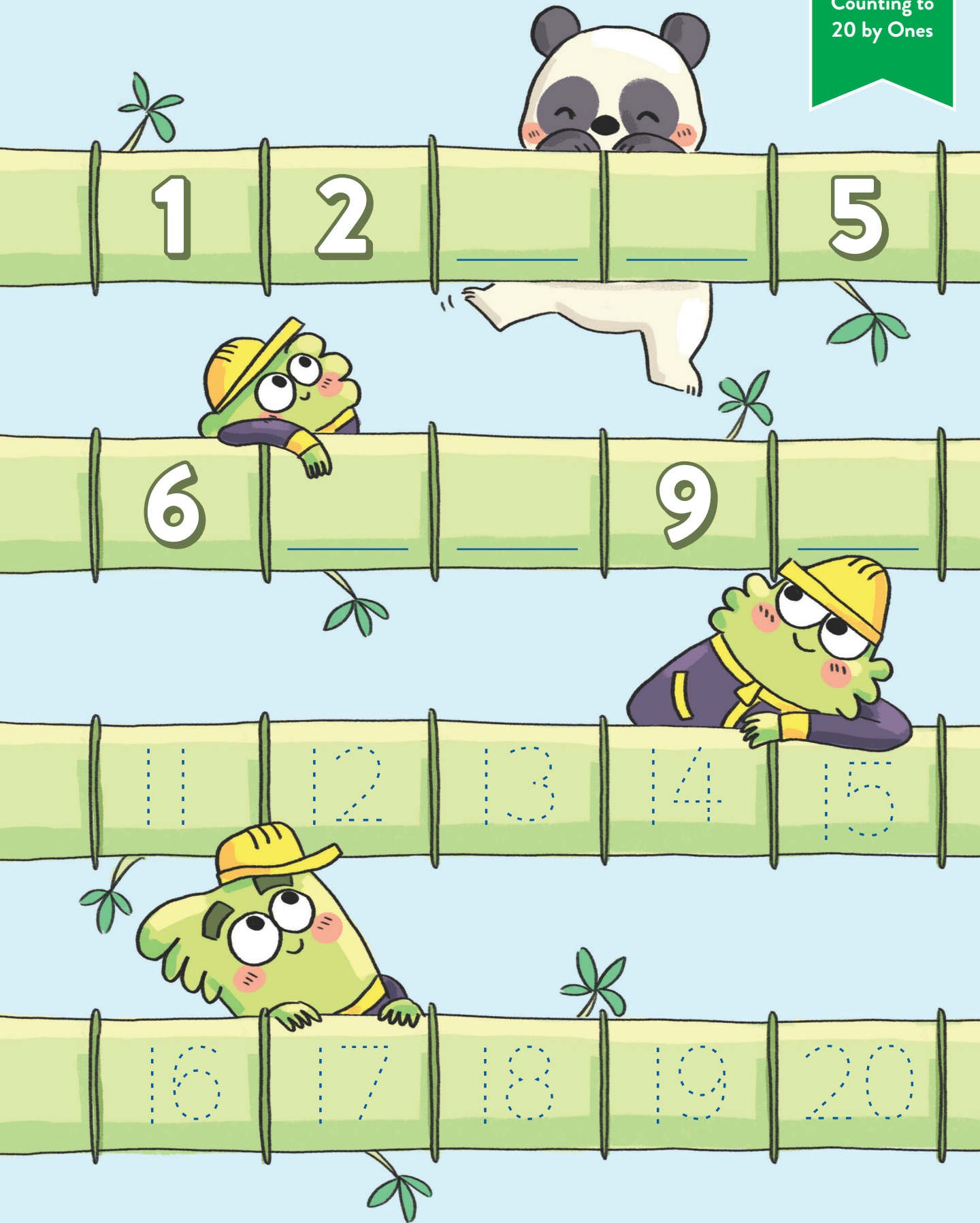


11

13

15

Fill in or trace the missing numbers. Then read numbers 1 through 20 aloud.

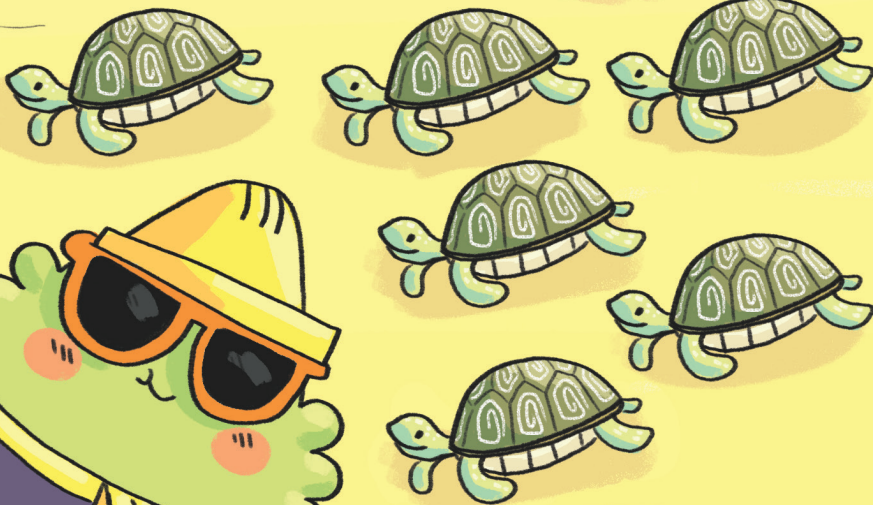
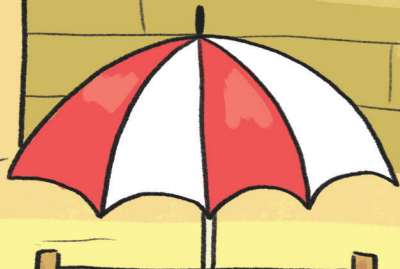


Callie sells seashells by the seashore! Count the seashells aloud and fill in the missing number. Then count the other objects in each group aloud and write the number.

Callie sells _____ seashells
by the seashore!

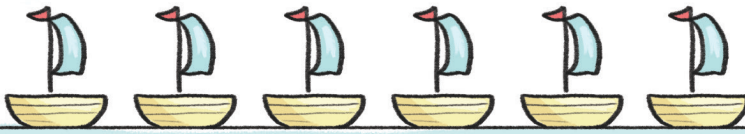


_____ starfish



_____ blue sunglasses

1, 2, 3, 4, 5, 6, 7, 8, 9, 10,
11, 12, 13, 14, 15, 16, 17, 18, 19, 20

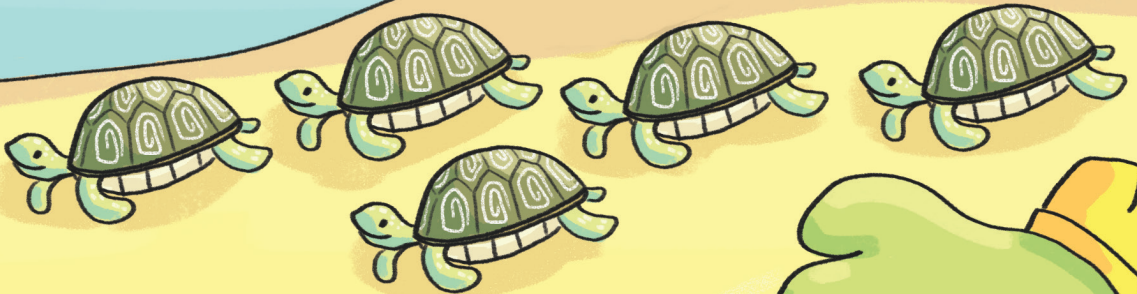


_____ sailboats

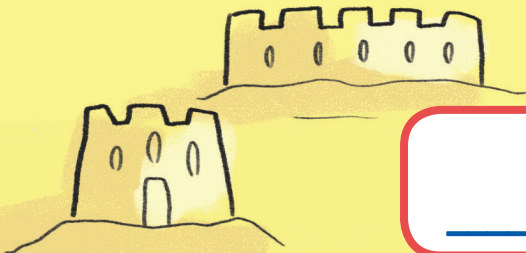
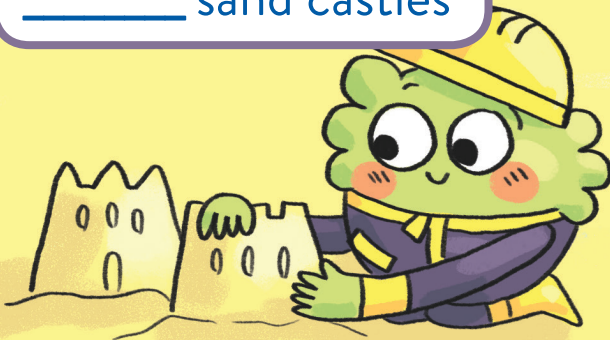


_____ swimmers

_____ sea turtles



_____ sand castles



_____ sandals



SANDALS

Read the numbers 1 through 20 aloud and answer each question.

What number is
Enid standing on?



What number is this
MotMot standing on?

If a MotMot is standing on number **10**, what number comes next? _____

If a MotMot is standing on number **18**, what number comes next? _____

If a MotMot is standing on number **15**, what number comes next? _____

What number is
Callie standing on?

12

14

15

16

19

18

What number is this
dog standing on?

What number is
Brian standing on?

Make your own number path! Write numbers 1 through 20 on different sheets of paper, then arrange them in order throughout your home or outside. Do you know what number to step on next?



LET'S START!

GATHER THESE TOOLS AND MATERIALS.



20 small items like:
cotton balls, beans, buttons,
paper clips, bobby pins, pebbles



Empty egg carton



Craft sticks



Tape



Empty plastic bottles



Construction paper



Old oatmeal containers, cereal
boxes, or small cardboard boxes



Markers, crayons, or paint

LET'S TINKER!

Drop each small object one by one into a bucket, sink, bathtub, or other body of water. What do you see? What do you hear? Can you use the sights and sounds to help you count the objects?



LET'S MAKE: TINKER TOOLBOX!

3

Counting to
20 by Ones

1. **Decorate** an egg carton or make a container with separate sections.
2. Then **separate** your objects into groups—group all the paper clips together, group all the beans together, and so on.
3. **Count** how many objects are in each group, put them inside the separate sections, and write the number of objects on your container.



LET'S ENGINEER!

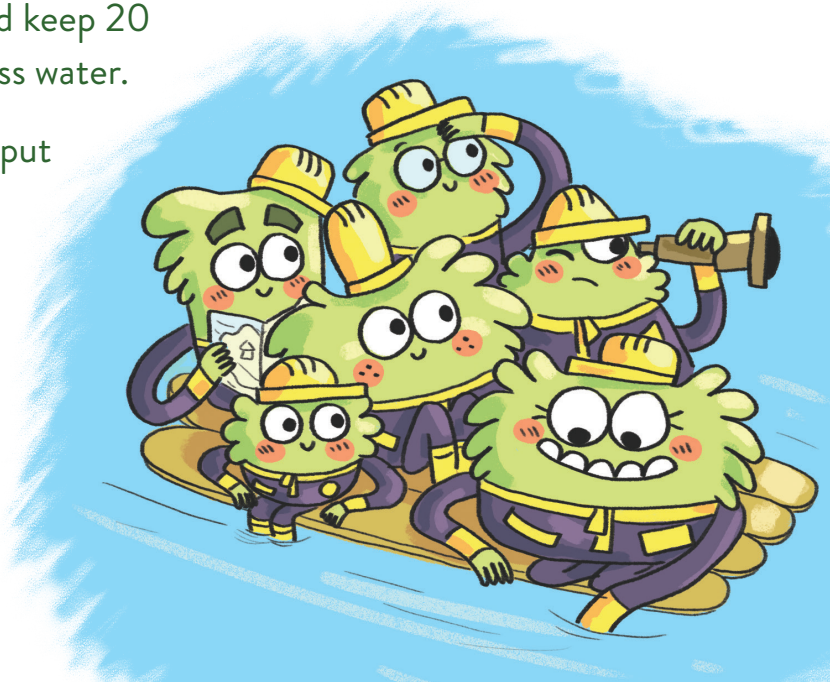
The MotMots are going on a trip across a big lake. They want to take 20 gifts to their 20 friends on the other side.

How can they cross the lake without getting their gifts wet?

Build something that would keep 20 objects dry as it floats across water.

Count your objects as you put them on or inside your vehicle. Then **float** your vehicle on water. Did you make it to 20 objects? Or did your vehicle sink? If so, at what number?

Keep trying until you make a vehicle that can hold 20 objects!



PROJECT 3: DONE!
Get your sticker!

Counting to 50 by Ones

Read the numbers 1 through 50 aloud, and trace the missing numbers.
Then color-by-number to reveal a picture.

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

PINK:

1, 3, 5, 6, 7, 8, 9,
10, 11, 12, 13, 14,
15, 17, 18, 19

BLUE:

2, 4, 16, 20, 21,
22, 24, 25, 26,
27, 29, 30, 31, 32,
35, 36, 37, 39,
40, 41, 44, 45,
46, 47, 49, 50

GREEN:

23, 28, 33, 34,
38, 42, 43, 48



What number comes before, and what number comes after?

Fill in the missing numbers in each row.

19

20

29

31

34

35

44

46

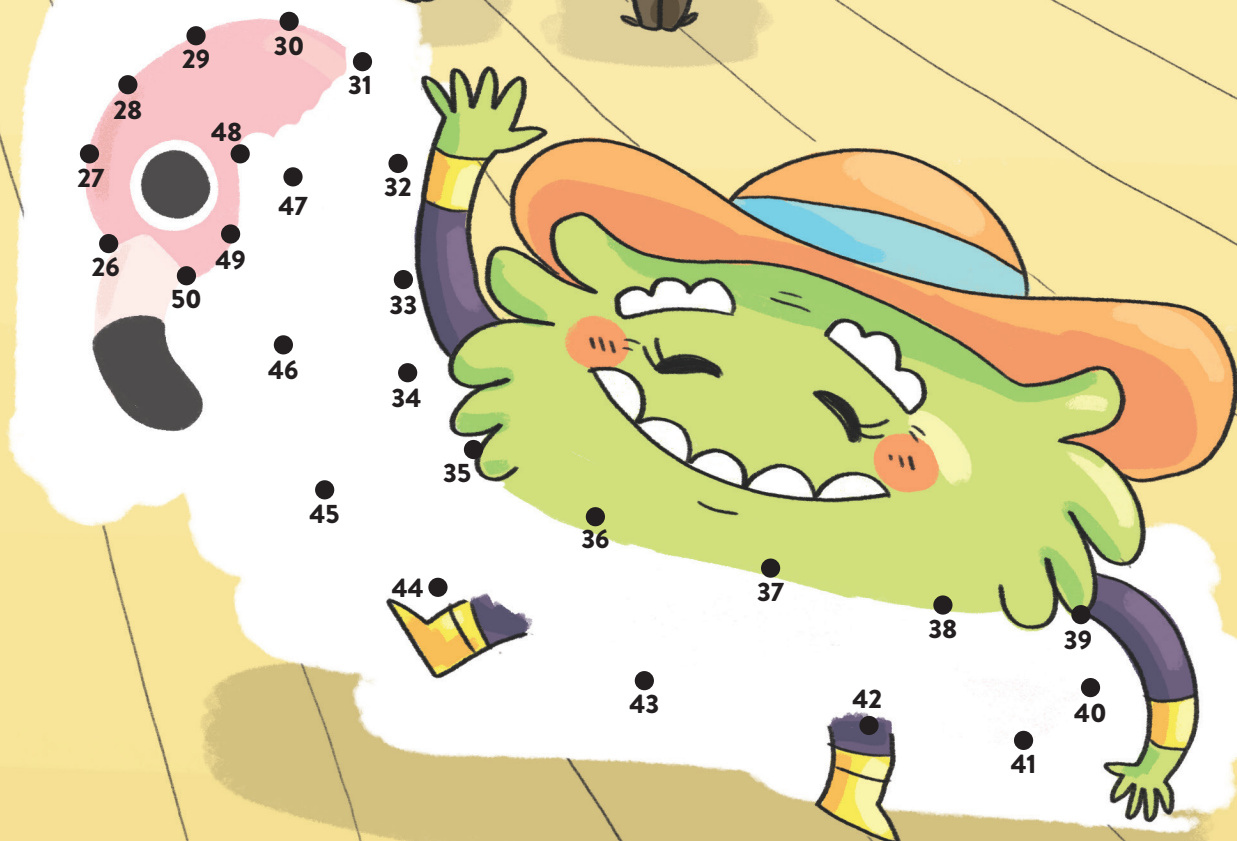
48

49

Connect the dots by drawing a line from 1 through 25 in order.
Say each number aloud.

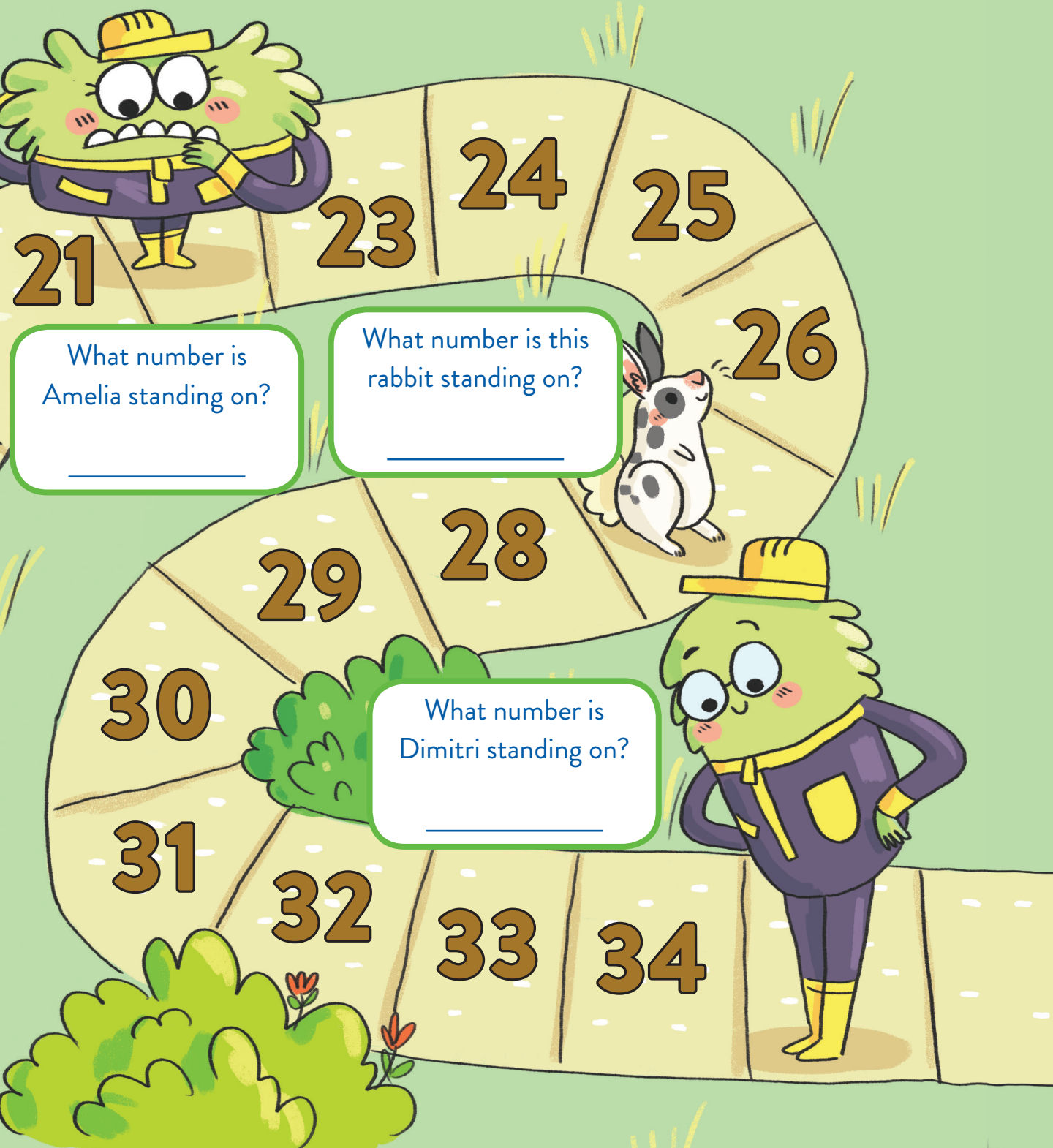


Connect the dots by drawing a line from 26 through 50 in order.
Say each number aloud.



These MotMots are 50 years old! What do you want to do when you are 50 years old? Tell someone a story that begins, "When I am 50 years old, I want to . . ."

Read the numbers 21 through 50 aloud, and answer each question.



What number is Amelia standing on?

What number is this rabbit standing on?

What number is Dimitri standing on?

If a MotMot is standing on number **29**, what number comes next? _____

If a MotMot is standing on number **40**, what number comes next? _____

If a MotMot is standing on number **49**, what number comes next? _____



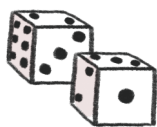
What number is
Frank sitting on?

What number is this
MotMot standing on?

Carefully remove pages 22, 23, 30, and 31. Then lay them side-by-side to see all 50 steps through Tinker Town! Count all 50 steps aloud. Where can you walk in 50 steps? Give it a try and find out!

LET'S START!

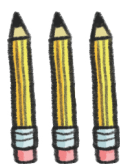
GATHER THESE TOOLS AND MATERIALS.



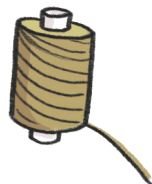
2 dice



Crayons and markers



Pencils



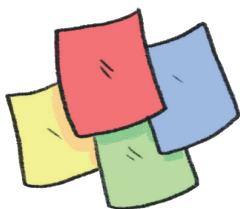
String



50 small items like:
macaroni, beads, bolts,
washers, cereal, pretzels



Scissors
(with an adult's help)



Construction paper



Old plain light-
colored T-shirt



Cardboard

LET'S TINKER!

Roll the dice and put the numbers side-by-side. For example, if you roll a 2 and a 4, your number is 24.

Show your number in 3 unique ways.

Do the same for the number before and the number after. If your number is 24, show numbers 23 and 25, too!

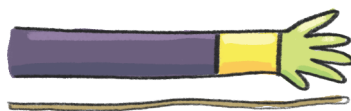


LET'S MAKE: NUMBER FASHION!

Choose your favorite number from 1 to 50. Then choose either a necklace or a T-shirt—or make both!

For the number necklace:

1. Cut a very long piece of string, about the size of your arm.



2. Tie a knot at one end.





- 3. String** up to 50 pieces of macaroni, beads, or whatever your small objects are on it. Love the number 22? **String** 22 beads while counting aloud.



- 4. Tie** the 2 sides together for a necklace.

For the number T-shirt:

- 1. Put** the cardboard inside the T-shirt so the marker doesn't bleed through.



- 2. Grab** a marker. Either **write** the numbers 1 through 50 on the T-shirt, or draw up to 50 of your favorite things while counting aloud. Love the number 33? Love ice cream? **Draw** 33 ice-cream cones or 1 giant ice-cream cone with 33 sprinkles on it.



LET'S ENGINEER!

The MotMots were on their way to the craft market in Craft County to sell their number necklaces. They were almost there when they realized they forgot their pencils and paper! Oh no!

How can they keep track of how many necklaces they sell?

Make something that can be used to keep count up to 50. **Use** your small items to represent the necklaces that were sold.



PROJECT 4: DONE!
Get your sticker!