

LEVEL K

FUNBOOK

There's **Power** In Numbers

stjude.org/math

St. Jude patient
Abraham



St. Jude
Math-A-Thon

Welcome to The St. Jude Math-A-Thon®!

Thank you for supporting St. Jude Children's Research Hospital®. Because of fundraising programs like St. Jude Math-A-Thon and supporters like you, St. Jude is leading the way the world understands, treats and defeats childhood cancer and other life-threatening diseases. You're an important part of making this fundraiser a success, and participation is easy:

- 1** Raise money online using the tools available at **stjude.org/math**
- 2** Complete the math worksheets in this workbook
- 3** Earn cool prizes!

Meet Abraham

Abraham loves playing with his sister. When he got sick, his mom and dad took him to St. Jude, where doctors and nurses worked hard to make Abraham feel better. Abraham likes to play outside and color with his dad.

St. Jude patient
Abraham



How Math Helps St. Jude

Math is used every day on the St. Jude campus. From careful measurements for patient medicine to the complex mathematics needed in our state-of-the-art research facilities, numbers play an important role in helping our patients. As you complete each worksheet, know that you're sharpening important skills that are used every day to help the kids of St. Jude.



- St. Jude grows its own fresh fruits and vegetables so patients can eat delicious and nutritious food. Math is used every day in making sure each plant gets the right amount of water.
- Doctors use very careful math to make sure each child gets the right amount of medicine each day.
- St. Jude is not a general children's hospital—we focus on providing high quality care to children with cancer and other life-threatening diseases. The people who work at St. Jude use math to keep careful track of how many patients we have on campus and how many rooms we have available.

Ready to Sign Up?

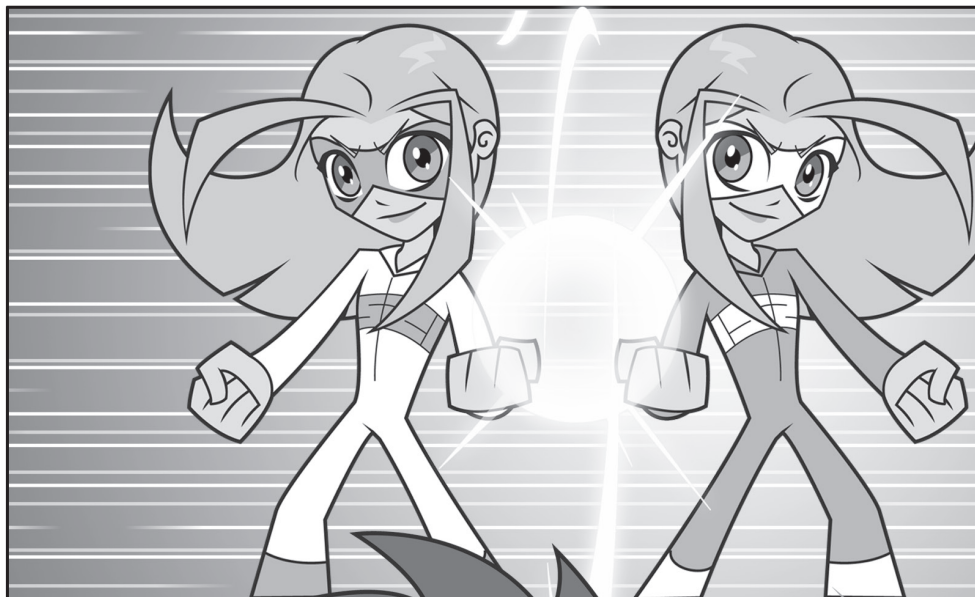
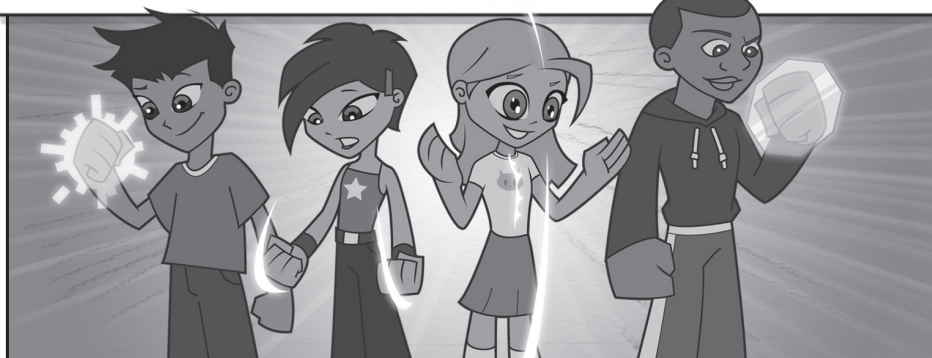
St. Jude relies on the power in numbers. Math plays a vital role in nearly every aspect of our campus, but the strength in numbers is never more powerful than when it helps our patients. That's where you come in—turn to the back page of your funbook to start the sign up process. You can even have your parents scan the QR code and sign up online.

St. Jude patient
Aiden



MEET **THE NUMERATORS**

My name is Dr. Jax. Once there were four regular kids who studied math in school, just like you. I helped them turn their math skills into amazing super powers. Now, these students call themselves The Numerators. They use their powers to protect other kids in danger.



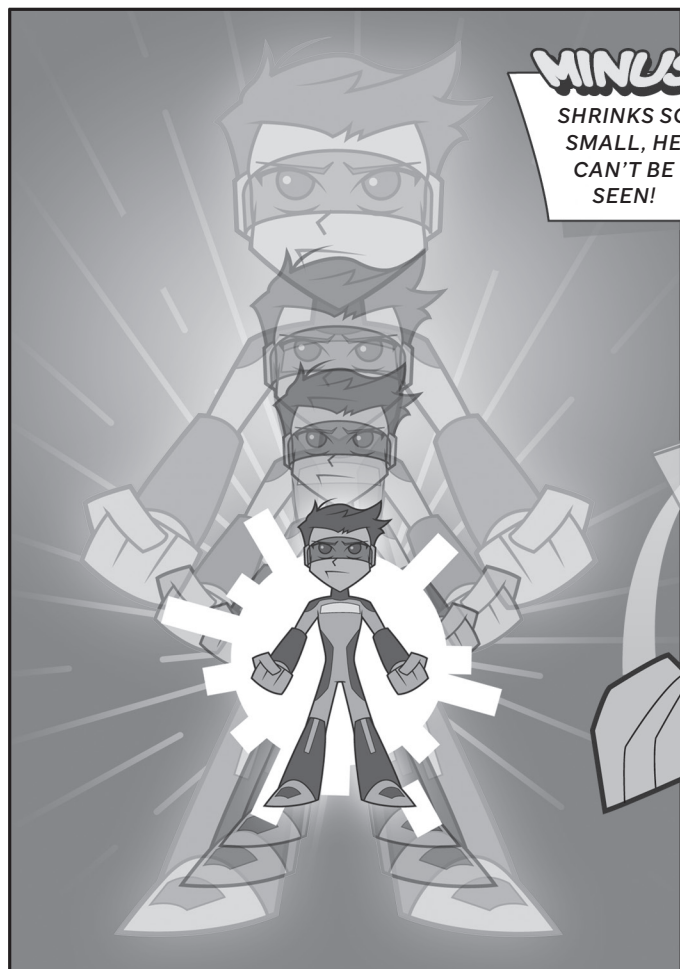
That's why The Numerators used their math powers to help St. Jude Children's Research Hospital®. They were helping to raise money to find cures for very sick children with diseases like cancer.

SYMMETRY

SPLITS INTO
EQUAL PARTS FOR
A DOUBLE ATTACK!

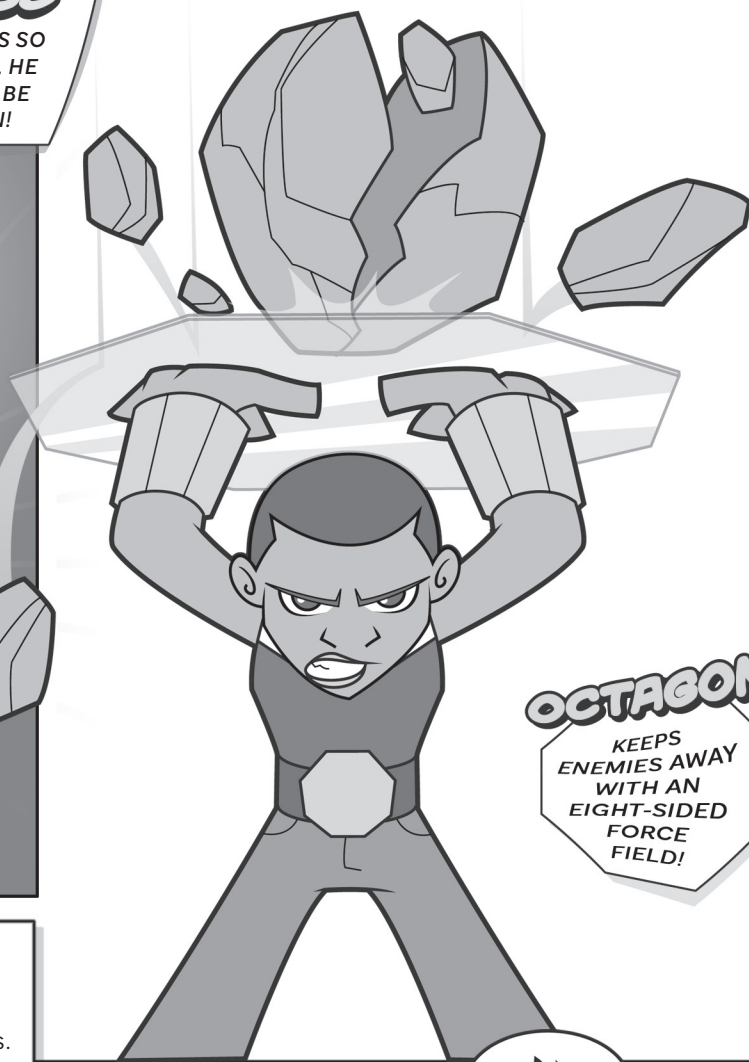


FRACTION
FIGHTS WITH A
POWERFUL SLASH!



MINUS

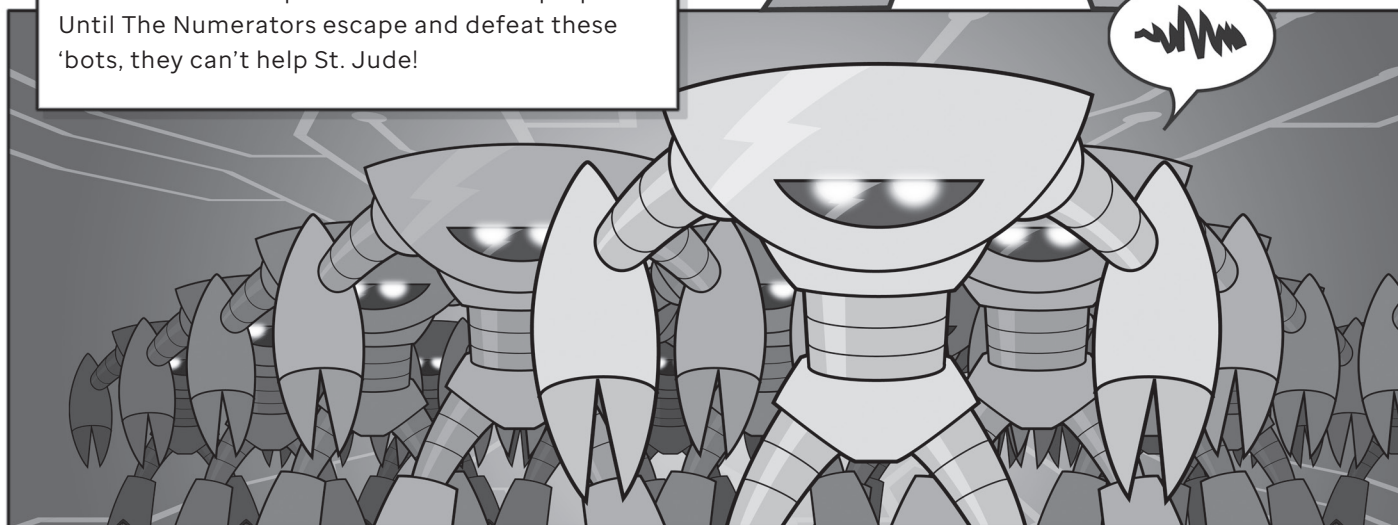
SHRINKS SO
SMALL, HE
CAN'T BE
SEEN!



OCTAGON

KEEPS
ENEMIES AWAY
WITH AN
EIGHT-SIDED
FORCE
FIELD!

But, robots launched a surprise attack on our heroes. The robots wanted to steal The Numerators' math powers for their own purposes. Until The Numerators escape and defeat these 'bots, they can't help St. Jude!



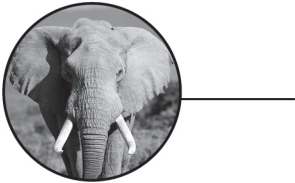
You can use your own math skills to help The Numerators and the kids of St. Jude. Just fill out this St. Jude Math-A-Thon Funbook to help our heroes escape the robots. You'll also help raise money for St. Jude at the same time. So get your pencils ready and start your math adventure today!

Jungle Hide and Seek

This jungle is filled with wild animals! Count each animal.
Write down how many you see.



1.



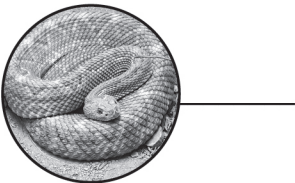
2.



3.



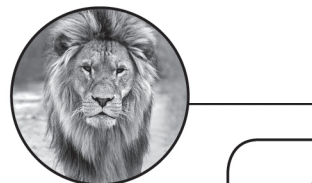
4.



5.

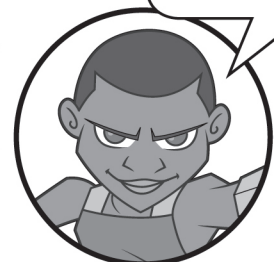


6.



7. Which animal do you see the most? _____

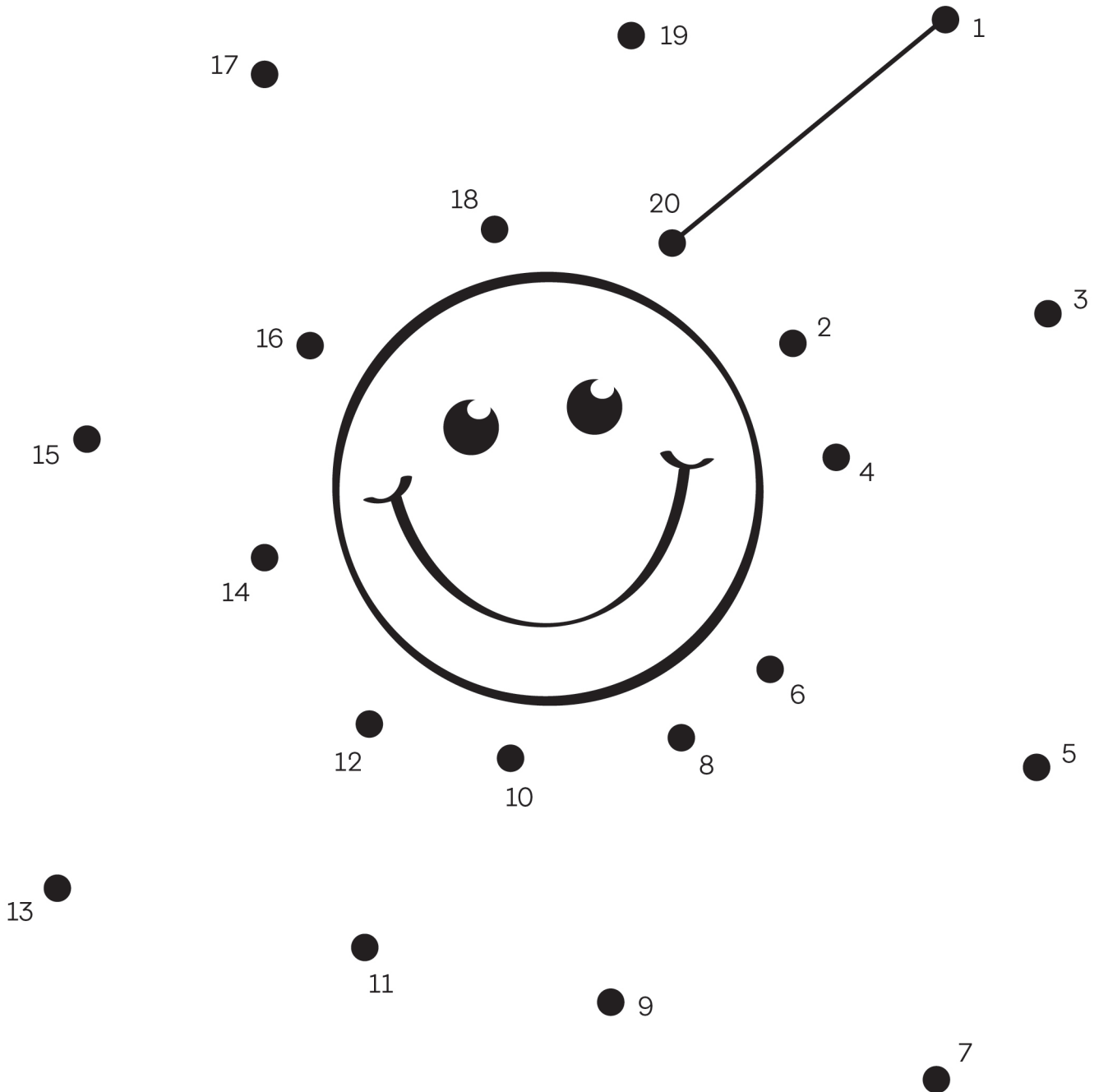
8. Which animal do you see the least? _____



Good
counting!

Connect-the-Dot Riddle

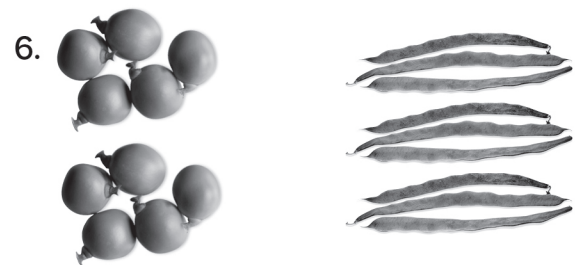
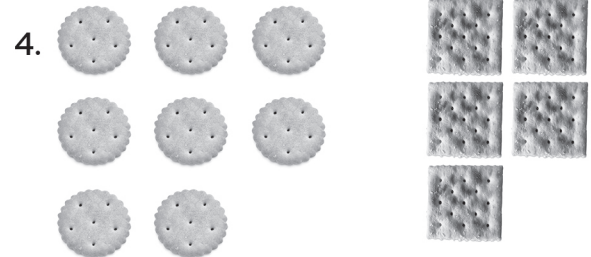
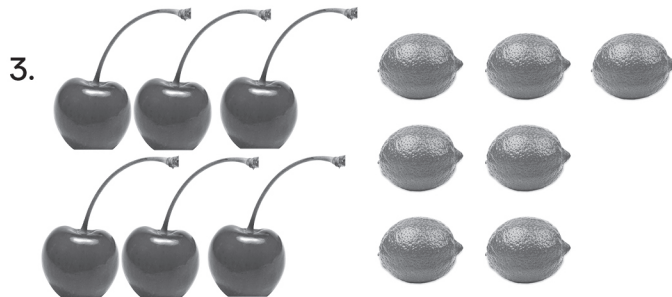
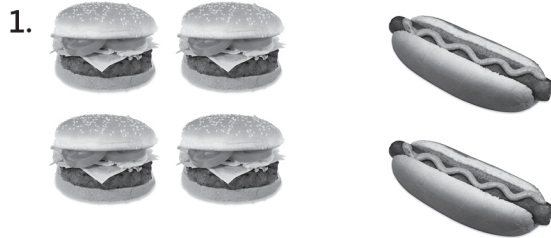
To answer the riddle below, connect the numbers in order from 1 to 20.
Look at the picture you've made. Then write your answer in the blank.



Sometimes you see me, sometimes you don't.
Sometimes you cannot look right at me.
I can make you feel warm all over.
What am I? _____

Count to Compare

For each question, count the items in each group.
Circle the group that has more items in it.



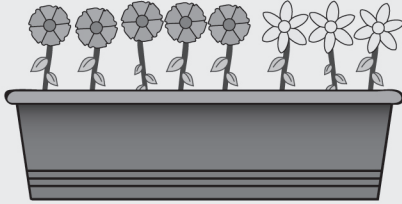
7. Count the apples. Draw fewer apples on the left. Draw more apples on the right.
Draw fewer Draw more



Flower Power

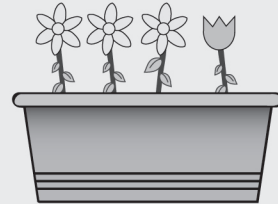
Write a number sentence to show how many flowers are in each flower box.
The first one is done for you.

1.



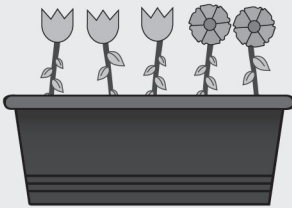
$$5 + 3 = 8$$

2.



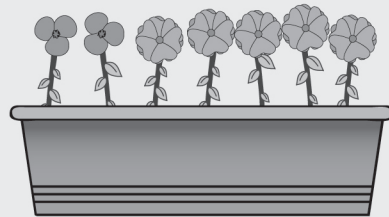
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

3.



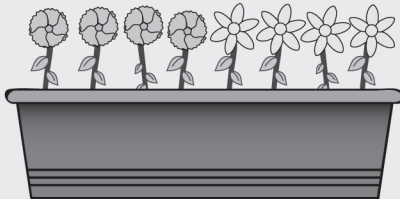
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

4.



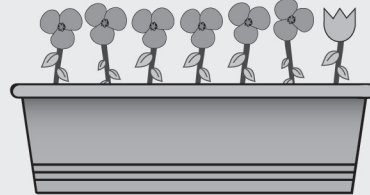
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

5.



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

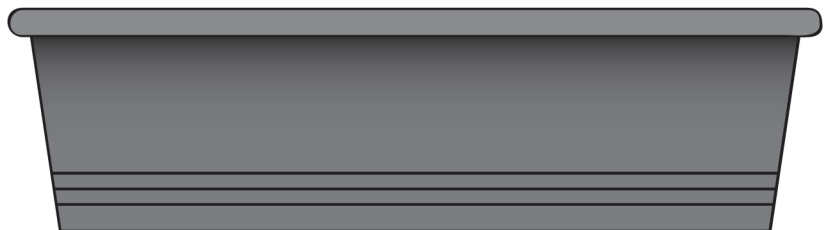
6.



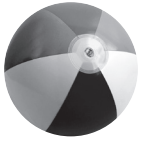
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

7. Draw 6 flowers in the flower box. Color some red and some blue. How many of each did you draw? Complete the number sentence.

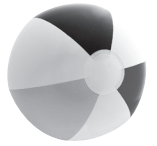
$$\underline{\quad} + \underline{\quad} = 6$$



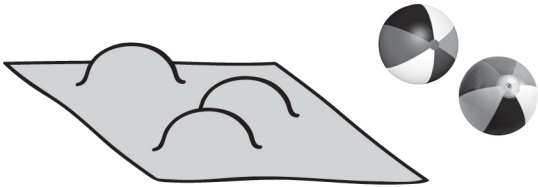
Beach Balls and Blankets



Read how many beach balls there are in all. Then count the ones you see.
How many are under each blanket?

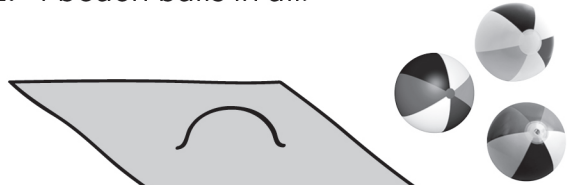


1. 5 beach balls in all.



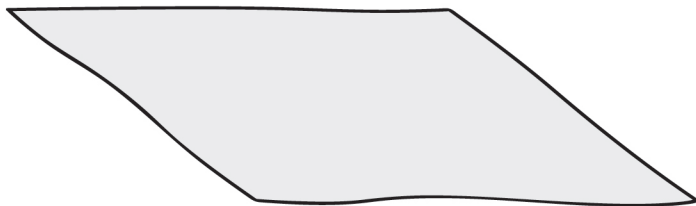
____ beach balls are under the blanket.

2. 4 beach balls in all.



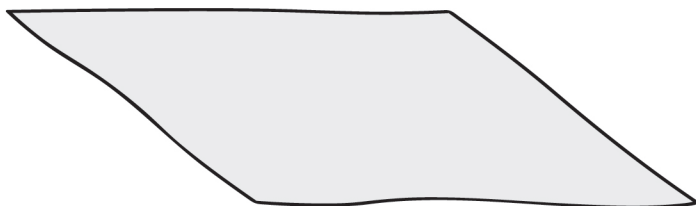
____ beach ball is under the blanket.

3. There are 4 beach balls in all. Draw 2 beach balls beside the blanket. Draw bumps to show how many beach balls are under the blanket. Then complete the number sentence.



$$\underline{4} - \underline{2} = \underline{\quad}$$

4. There are 6 beach balls in all. Draw some beach balls beside the blanket. Draw bumps to show how many beach balls are under the blanket. Then complete the number sentence.


















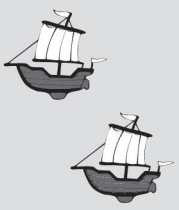
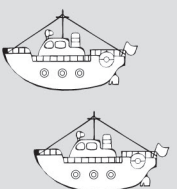
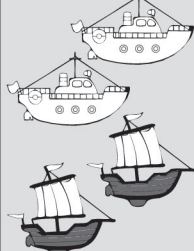
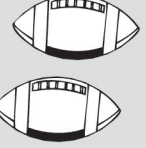

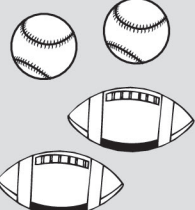
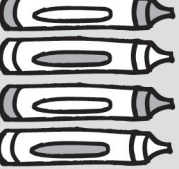


$$\underline{6} - \underline{\quad} = \underline{\quad}$$

Excellent subtraction!



Count How Many

Circle the correct numerals.

1.	 0 1 2 (1)	 3 2 1 2	 0 2 1 2
2.	 1 2 3 2	 4 2 1 2	 3 4 2 4
3.	 1 2 3 3	 3 0 1 0	 2 1 3 1
4.	 4 3 2 3	 3 1 4 1	 5 4 2 4
5.	 5 4 1 4	 3 5 2 5	 4 5 3 5
6.	 0 2 5 2	 5 0 2 0	 5 2 4 2
7.	 5 4 2 4	 3 5 1 5	 4 3 5 3
8.	 1 2 4 2	 1 2 4 2	 4 5 3 5

Answer Key

Page 5

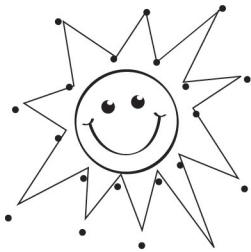
Jungle Hide and Seek

1. 5
2. 3
3. 2
4. 5
5. 6
6. 3
7. tiger
8. giraffe

Page 6

Connect-the-Dot Riddle

The sun



Page 7

Connect to Compare

1. 4 hamburgers are circled
2. 5 carrots are circled
3. 7 limes are circled
4. 8 round crackers are circled
5. 9 cookies are circled
6. 10 peas are circled
7. In the left panel, 1-4 apples can be drawn.
In the right panel, 6 or more apples can be drawn.

Page 8

Flower Power

1. $5 + 3 = 8$
2. $3 + 1 = 4$
3. $3 + 2 = 5$
4. $2 + 5 = 7$
5. $4 + 4 = 8$
6. $6 + 1 = 7$
7. Number sentences will vary, but all should have a sum of 6.



Page 9

Beach Balls and Blankets

1. 3
2. 1
3. 2 beach balls under the blanket; $4 - 2 = 2$.
4. Drawings will vary, but the number of beach balls next to the blanket should be 1-5, and the number under the blanket must be 5 or fewer.

Page 10

Count How Many

1. 1, 1, 2
2. 3, 1, 4
3. 2, 1, 3
4. 2, 3, 4
5. 1, 3, 4
6. 2, 2, 4
7. 2, 3, 4
8. 4, 1, 5

St. Jude patient
Ashtyn



Check out stjude.org/math to start fundraising online today! Packed with tools to help you manage your fundraising efforts, raise more money and save time, stjude.org/math includes tools to help you:

- + Find your school
- + Create your own fundraising webpage and set your goal
- + Accept online donations
- + Integrate with Facebook Fundraising



Scan to find your school and sign up!



St. Jude Children's
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St. Jude Math-A-Thon

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