Name _____ Date _____

What's the Problem

The answer is 5. What is the problem?

1. Write a number sentence for the problem.

   ☐ – ☐ = 5 _____

2. What characters or objects are in the problem?

   _____

3. What is the question?

   _____

4. Draw a picture of the problem.

5. Write a word problem to match the number sentence.

   _____

   _____

   _____

Explore Subtraction Word Problems · · · SAB · Grade 2 · Unit 3 · Lesson 3 **115**

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Name _____ Date _____

6. Show or tell how you would solve the problem.

7. Show or tell another way to solve the problem.

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Student Activity Book

What's the Problem (SAB pp. 115–116)
Questions 1–7

Responses will vary. A possible response is listed for each question.

1. Possible number sentence:

   $\boxed{14} - \boxed{9} = 5$ <u>balloons</u>

2. Possible response: Chris, Carla, balloons

3. Possible response: How many more balloons does Chris have than Carla?

4. Possible response: Drawing might include picture of Chris with 14 balloons and Carla with 9 balloons.

5. Possible response: At the carnival, Chris buys 14 balloons and Carla buys 9 balloons. How many more balloons does Chris have than Carla?

6. Possible response: I used connecting cubes. I used 14 blue connecting cubes for Chris and 9 red connecting cubes for Carla. I placed the two trains side-by-side and the blue train had 5 more cubes than the red train.

7. Possible response: I found 9 on the number line for Carla's balloons. I counted up from 9 to 14, Chris's balloons. I counted 5 hops.

Can You Solve It (SAB pp. 117–119)
Questions 1–5

1. 7 rings; $12 - 5 = 7$ rings
    Possible strategy: I used the number line. I started at 5 and counted up to 12.

2. 9 pins; $14 - 5 = 9$ pins
    Possible strategy: I used connecting cubes. I made a train of 5 and I counted the cubes I had to add to reach 14.

3. 7 tickets; $16 - 9 = 7$ tickets
    Possible strategy: I added $8 + 8$ tickets for the boys and I got 16. I know that $16 - 10$ is 6, so $16 - 9$ is 7.

4. 6 nickels; $13 - 7 = 6$ nickels
    Possible strategy: I know that $7 + 6 = 13$, so $13 - 7 = 6$.

5. 8 prizes; $7 + \boxed{8} = 15$ or $15 - 7 = \boxed{8}$
    Possible strategy: I used doubles. I know that $7 + 7 = 14$, so $7 + 8 = 15$.
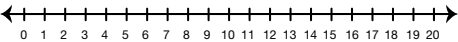
Name _____ Date _____

Can You Solve It
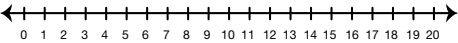
Show or tell how you solved each problem. Write a number sentence. Include labels.

1. Luis tries to win a bear for his sister at the ring toss. He is given 12 rings and tosses 5 rings. How many rings does he have left?

    Number sentence _____

    0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

2. The bowling game starts with 14 pins standing. Luis knocked down some pins with a ball. Now there are 5 pins left standing. How many pins did he knock down?

    Number sentence _____

    0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
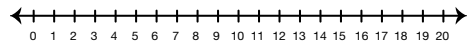
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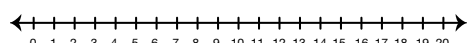*Student Activity Book* **- Page 117**

Name _____ Date _____

3. Luis and Frank want to ride the ferris wheel together. The ride costs 8 tickets for each boy. They have 9 tickets. How many more tickets do they need?

    Number sentence _____

    0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

4. Luis and Frank count their money at the end of the day. Luis has 7 nickels and Frank has 13 nickels. How many more nickels does Frank have than Luis?
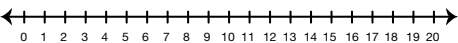
    Number sentence _____

    0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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Name _____ Date _____

5. **A.** Luis and Frank count the prizes they won at the carnival. Luis has 15 prizes. He has 7 more prizes than Frank. How many prizes does Frank have?

    Number sentence _____

    0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

    B. Show or tell how you know your answer to Question 5A is reasonable.

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Teacher Guide

Subtraction Problem Types: Separate/Take Away (TG)

Questions 1–2

1.* 4 beanbags; $11 - 7 = 4$ beanbags

2. 8 people; $15 - 7 = 8$ people

Subtraction Problem Types: Separate/Take Away

1. Levi is given 11 beanbags to toss into the buckets at the carnival. Seven bags land in the buckets and the rest land outside the buckets. How many beanbags do not land in the buckets?

☐ − ☐ = ☐ _____

2. There are 15 people waiting in line to go into the fun house. After a five-minute wait, 7 more people go into the fun house. How many people are still waiting in line?

☐ − ☐ = ☐ _____

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Teacher Guide

Subtraction Problem Types: Compare (TG)

Questions 1–2

1. 6 ballons; $14 - 8 = 6$ balloon

2. 5 children; $12 - 7 = 5$ children

Subtraction Problem Types: Compare

1. Fern sees a balloon man with 14 blue balloons and 8 red balloons. How many more blue balloons are there than red balloons?

☐ − ☐ = ☐ _____

2. At the face-painting station, 12 children paint flowers on their faces and 7 children paint shapes on their faces. How many more children paint flowers than shapes on their faces?

☐ − ☐ = ☐ _____

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Teacher Guide

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*Answers and/or discussion are included in the lesson.

Write a Word Problems (TG)
Questions 1–5

Word problems will vary. Possible responses are given for Questions 1–5.

1. Possible number sentence:
   $\boxed{14} - \boxed{7} = 7$ tickets

2. Possible response: Yolanda, tickets

3. Possible response: How many tickets does Yolanda have left?

4. Drawing might include Yolanda holding 14 tickets and then using 7 tickets to go on a ride.

5. Yolanda had 14 tickets. She used 7 to go on the roller coaster. How many tickets does she have left?

Write a Word Problem

The answer is _____ . What is the problem?

1. Write a number sentence for the problem.

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

2. What characters or objects are in the problem?

   _____

3. What is the question?

   _____

4. Draw a picture of the problem.

5. Write a word problem to match the number sentence.

   _____

   _____

   _____

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Teacher Guide

Name _____ **Date** _____
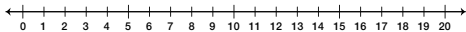
Carnival Word Problems

🎒 **Homework**

Dear Family Member:

You can help your child solve these problems by reading the problems with him or her and providing counters (such as beans or pennies) to use as problem-solving tools. He or she may also choose to use the number line. Ask your child to share his or her strategies.

Thank you.

Show or tell how you solved each problem. Write number sentences. Include labels.

1. Frank and Luis saved money to go to the carnival. Frank saved $15 and Luis saved $19. How much more money did Luis save than Frank?

   Number sentence _____

2. Both boys wait in line for a ride on the Scrambler. Frank waits 11 minutes. Luis waits 5 minutes. How much longer does Frank wait than Luis? Show your answer on the number line.
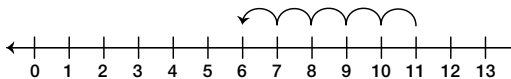
   Number sentence _____

   0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
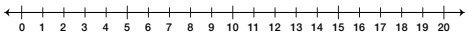
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Name _____ **Date** _____

3. Frank buys 15 tickets. He uses some of the tickets to ride the roller coaster. Then he has 9 tickets left. How many did he use for the roller coaster?

   Number sentence _____

4. Luis buys 2 hot dogs for $1 each. He gives the hot dog seller $5. How much money does Luis get back in change?

   Number sentence _____

5. Frank buys a box of Chocos Candies. The box has 14 candies. He gives 7 candies to Luis. How many candies does Frank have left?

   Number sentence _____

   0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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Carnival Word Problems (TG pp. 1–2)
Homework
Questions 1–5

1. $4; $15 + 4 = 19$ or $19 - 15 = 4$

2. 6 minutes; $5 + 6 = 11$ or $11 - 5 = 6$

   0 1 2 3 4 5 6 7 8 9 10 11 12 13

3. 6 tickets; $15 - \boxed{6} = 9$ tickets

4. $3; $5 - $2 = 3

5. 7 candies; $14 - 7 = 7$ candies