How Many in the Bag Number Sentences

_____ – _____ = _____
in the bag   taken out   left in the bag

_____ – _____ = _____
in the bag   taken out   left in the bag

_____ – _____ = _____
in the bag   taken out   left in the bag

_____ – _____ = _____
in the bag   taken out   left in the bag

_____ – _____ = _____
in the bag   taken out   left in the bag

_____ – _____ = _____
in the bag   taken out   left in the bag

_____ – _____ = _____
in the bag   taken out   left in the bag

_____ – _____ = _____
in the bag   taken out   left in the bag

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How Many In the Bag Number Sentences (SAB p. 155)

A sample number sentence is given for a bag containing 10 cubes:

$$10 \quad - \quad 4 \quad = \quad 6$$
in the bag   taken out   left in the bag

At the Zoo (SAB pp. 157–158)
Questions 1–7

1.* $3; $10 - 7 = 3$
2.* 2 monkeys; $6 - 4 = 2$
3.* 3 pieces of candy; $3 - 0 = 3$
4.* 6 seals; $8 - 2 = 6$
5.* 6 adults; $9 - 3 = 6$
6.* 5 lions; $10 - 5 = 5$
7. Explanations will vary. Possible response: I used connecting cubes. I made a train of 10 to show all the big cats. I took off 5 to be tigers. There were 5 left. These were the lions.

At the Zoo

Solve and write a number sentence for each problem. You may use cubes, a number line, or ten frames. You may also draw a picture or diagram.

1. Linda's mother bought an adult ticket for $10 and a child's ticket for $7. How much more did the adult ticket cost?

_____

2. There are a total of 6 monkeys in a cage. Four of the monkeys are eating on the floor. The rest are in a tree. How many are in the tree?

_____

3. Lin had 3 pieces of candy. She kept all of them in her pocket. How many did she give away?

_____

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✓ **Check-In: Questions 4-7**

4. There were 8 seals swimming in the water. Two got out on the rocks. How many were still in the water?

_____

5. There were 9 adults and 3 children waiting in the food line. How many more adults than children were there?

_____

6. There were 10 lions and tigers in the Big Cats building. Five were tigers. How many lions were there?

_____

7. Show or tell how you solved Question 6. Use words, pictures, or diagrams to explain your thinking. Tell about the tools you used.

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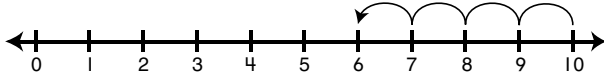***Answers and/or discussion are included in the lesson.**

Number Line Problems (SAB pp. 161–162)
Questions 1–4
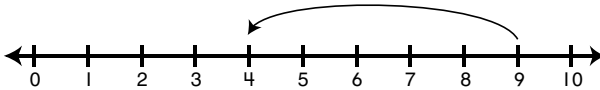
Number line representations will vary.
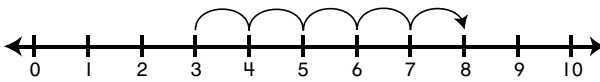
1. $10 - 4 = 6$

   Possible response:

2. $9 - 5 = 4$

   Possible response:

3. $3 + 5 = 8$

   Possible response:

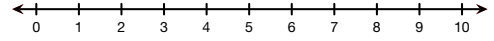

4. $7 - 5 = 2$

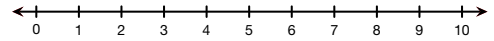   Possible response:

Name _____ Date _____

Number Line Problems

Solve each problem and write a number sentence. Show how you can use the number line to solve each problem.

1. Frank had 10 balloons. Four floated away. How many balloons does Frank have now?

   _____

2. Grace had 9 toy cars. She lost some at the park. Now she has 5 cars. How many did she lose?
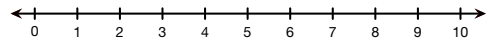

   _____
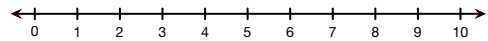
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Name _____ Date _____

3. Ana had some pennies when she left home for school. She lost 3 on the way. Now she has only 5 pennies. How many pennies were in her pocket when she left home?

   _____

4. Romesh has 7 cousins. Five are boys. How many are girls?

   _____

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