Name _____ Date _____

Nan and Bert Problems

Show or tell how to solve each problem. Write a number sentence. Use cubes, a number line, or ten frames. You may also draw a picture.

1. Nan and Bert went on a picnic at the lake. Nan ate 9 grapes and Bert ate 5. How many did they eat altogether?

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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Nan and Bert Problems (SAB pp. 395–397) Questions 1–5

Strategies will vary.

1.* 14 grapes; $9 + 5 = 14$;
$10 + 5 = 15$ so $9 + 5$ is one less or 14.

2. 8 carrots; $15 - 7 = 8$;
I thought $7 + \boxed{} = 15$ and I know $7 + 7 = 14$
so $7 + \boxed{8} = 15$

3. \$14; $\$6 + \$4 + \$4 = \$14$;
$6 + 4 = 10$ and $10 + 4 = 14$

4. \$8; half of \$16 is \$8
$\$16 - \$8 = \$8$
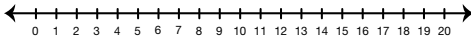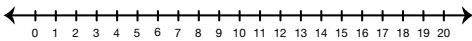or $\$8 + \$8 = \$16$
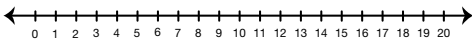
5. 16 crackers; $8 + 8 = 16$

Name _____ Date _____

2. Grandma packed 15 baby carrots. Nan and Bert ate them all. If Nan ate 7, how many did Bert eat?

Number sentence: _____

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

3. Grandma's ticket to the zoo cost \$6. Nan and Bert's each cost \$4. How much did all 3 tickets cost?

Number sentence: _____

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

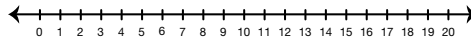**396** SAB · Grade 1 · Unit 12 · Lesson 7   Practice Strategies for Larger Numbers

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Name _____ Date _____

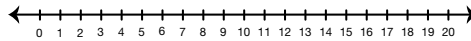**4.** At the gift shop, Bert spent \$16 and Nan spent half that much. How much did Nan spend?

Number sentence: _____

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

5. Nan and Bert each brought a package of 8 crackers for a snack. How many crackers do they have altogether?

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

**More Nan and Bert Problems
(SAB pp. 403–407)
Questions 1–6**

Strategies will vary.

1. 14 turtles; $9 + 5 = 14$; $\boxed{(9 + 1)} + 4 = 14$

2. Nan; minutes; $8 + \square = 11$;
I put 8 in my head and counted up to 11. I counted 3 numbers 9, 10, 11.

Name _____ Date _____

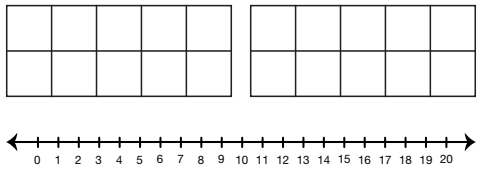**More Nan and Bert Problems**

Show or tell how to solve each problem. Write a number sentence. Use cubes, a number line, or ten frames. You may also draw a picture.

✓ **Check-In: Questions 1-3**

1. At the zoo, Bert counted 9 turtles on one rock. Nan counted 5 in the water. How many turtles did they count?

Number sentence: _____

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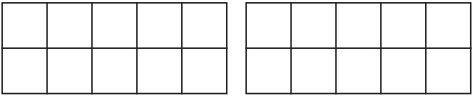
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Name _____ Date _____

2. Nan swam in the lake for 11 minutes. Bert swam for 8 minutes.

Who swam longer? _____

How much longer? _____

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. Nan and Bert each ate 7 nuts on the picnic. How many did they eat altogether?

Number sentence: _____

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

More Nan and Bert Problems

Check-In: Questions 1–3 Feedback Box	Expect-ation	Check In	Comments
Use mental math strategies and reasoning strategies to solve addition problems with sums between 10 and 20.	E5		
Use strategies that apply the properties of addition to solve addition problems.	E6		

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3. 14 nuts; $7 + 7 = 14$;
I pictured two 5s and 4 left over.
$5 + 5 = 10$ and $10 + 2 + 2 = 14$.

4. 16 pieces; $9 + 7 = 16$;
$10 + 7 = 17$ so $9 + 7 = 16$

5. 4 pieces: $7 + \square = 11$;
I counted on. 8, 9, 10, 11.

6. 38 pieces;
$9 + 7 + 11 + 11 = 10 + 8 + 10 + 10 = 38$

Name _____ Date _____

Nan and Bert's Graph

Nan and Bert took a scoop of cereal. They sorted the cereal by color and counted the pieces. Then they made a graph.

Colors

Y = yellow
R = red
O = orange
G = green

Number of   N Pieces

Color

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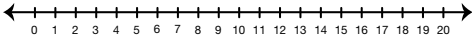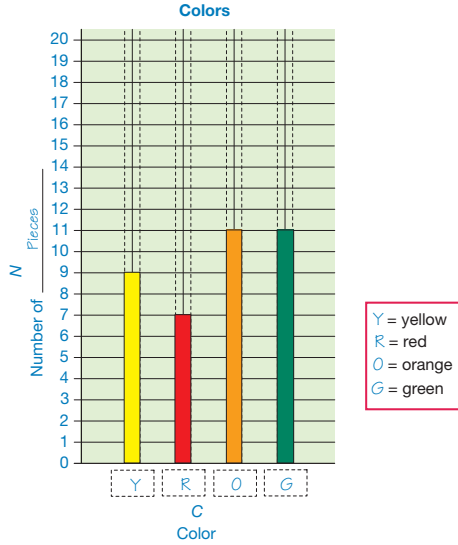*Student Activity Book - Page 406*

Name _____ Date _____

Use Nan and Bert's Graph. Write a number sentence. Show or tell how you solve each problem.

4. They put the yellow and red pieces together. How many do they have?

Number sentence: _____

5. How many more orange pieces did they count than red?

Number sentence: _____

6. How many pieces of cereal were in Nan and Bert's scoop?

Number sentence: _____

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3   TG · Grade 1 · Unit 12 · Lesson 7 · Answer Key