

Student Activity Book

Zoo Stickers (SAB pp. 615–616)

Questions 1–4


1. * Addition number sentence:
 $6 + 6 + 6 + 6 = 24$ stickers or
 $4 + 4 + 4 + 4 + 4 + 4 = 24$ stickers
 Multiplication number sentence:
 $4 \times 6 = 24$ stickers or $6 \times 4 = 24$ stickers
2. Addition number sentence:
 $5 + 5 + 5 + 5 + 5 = 25$ stickers
 Multiplication number sentence:
 $5 \times 5 = 25$ stickers
3. Addition number sentence:
 $4 + 4 + 4 + 4 + 4 = 20$ stickers or
 $5 + 5 + 5 + 5 = 20$ stickers
 Multiplication number sentence:
 $4 \times 5 = 20$ stickers or $5 \times 4 = 20$ stickers
4. **A.** Jacob has more stickers.
 I figured out that Linda has 20 stickers and Jacob has 25 stickers.
- B.** Jacob has 5 more stickers; $25 - 20 = 5$.

Name _____ Date _____

Zoo Stickers

Michael, Jacob, and Linda each bought a sheet of zoo stickers. How many stickers did each student buy? Write number sentences to show your answers.

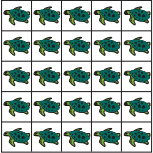
1. **Michael**



Addition number sentence _____

Multiplication number sentence _____

2. **Jacob**



Addition number sentence _____

Multiplication number sentence _____


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Student Activity Book - Page 615

Name _____ Date _____

3. **Linda**



Addition number sentence _____

Multiplication number sentence _____

4. **A.** Who has more stickers, Linda or Jacob?

B. How many more?

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616 SAB • Grade 2 • Unit 12 • Lesson 4 Zoo Sticker Arrays

Student Activity Book - Page 616

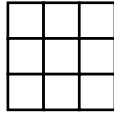
*Answers and/or discussion are included in the lesson.

Cost of Zoo Stickers (SAB pp. 617–618)

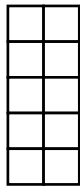
Questions 1–4

Strategies and number sentences may vary. Possible strategies and number sentences are given.

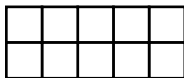
1. **A.** 9 stickers



- B.** 45 cents. I skip counted by fives 9 times: 5, 10, 15, 20, 25, 30, 35, 40, 45.
2. **A.** 16 stickers. I added $4 + 4 + 4 + 4 = 16$.
- B.** 32 cents. I skip counted by 2's for the first row of 4 stickers. The first row costs 8¢ . Then, I added 8¢ four times because there are 4 rows: $8\text{¢} + 8\text{¢} + 8\text{¢} + 8\text{¢} = 32\text{¢}$. I added $8\text{¢} + 8\text{¢} = 16\text{¢}$ and then I added 8 more and that's 24 and 8 more and the answer is 32¢.
3. **A.** 10 stickers



- B.** 50¢ . I multiplied $5\text{¢} \times 10$ stickers = 50¢
- C.** yes
- D.** 10¢ . I subtracted $60\text{¢} - 50\text{¢} = 10\text{¢}$.
4. * 30¢ .




If the stickers were 1 cent each that would be 10 cents, but since they were 3 cents each I added $10\text{¢} + 10\text{¢} + 10\text{¢} = 30\text{¢}$.

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Name _____ Date _____

Cost of Zoo Stickers

Solve each problem and write a number sentence. Show or tell how you solved each problem. Remember to label your answers.



1. Peter bought 3 rows of stickers. Each row has 3 stickers. Each sticker costs 5 cents. How much does Peter have to pay?

A. How many stickers does Peter have?

B. What is the total cost of all the stickers?

2. Carla bought 4 rows of stickers. Each row has 4 stickers. Each sticker costs 2¢. How much does Carla have to pay?

A. How many stickers does Carla have?

B. What is the total cost of all the stickers?

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Student Activity Book - Page 617

Name _____ Date _____

3. Roberto has 60¢. He wants to buy a sheet of stickers with 5 rows. Each row has 2 stickers. Each sticker costs 5¢. Does he have enough money to buy the sheet of stickers?

A. How many stickers are on the sheet?

B. What is the total cost of all the stickers?

C. Does Roberto have enough money?

D. How much does he have left?

4. Fern has a sheet of stickers. The sheet has 2 rows and each row has 5 stickers. If each sticker costs 3¢, what is the total cost of the sheet of stickers?

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618 SAB • Grade 2 • Unit 12 • Lesson 4 Zoo Sticker Arrays

Student Activity Book - Page 618


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

Name _____ Date _____

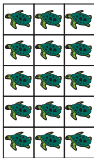
Problems with Zoo Stickers

1. Solve the problems about Jason's and Tara's sheets of stickers. Show or tell how you solved each problem and write a number sentence.

Jason



Tara



A. How many stickers does Jason have?

Number sentence _____

B. How many stickers does Tara have?

Number sentence _____

C. Who has more stickers?

D. How many more?

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Problems with Zoo Stickers

(SAB pp. 619–621)

Questions 1–4

Strategies may vary. Possible strategies are given.

1. **A.** 12 stickers.
I added by row: $4 + 4 + 4 = 12$ stickers.
- B.** 15 stickers.
I added by column: $5 + 5 + 5 = 15$ stickers.
- C.** Tara
- D.** 3 stickers. I subtracted $15 - 12 = 3$ stickers.
2. **A.** 24¢. I skip counted by twos and I got 24.
- B.** 45¢.
I added by columns: $15 + 15 + 15 = 45¢$
3. 20 stickers.
I drew a picture and multiplied $4 \times 5 = 20$.

4. **A.** 6 stickers. I added by row:
 $2 + 2 + 2 = 6$ stickers.
- B.** 10 stickers. I added by column:
 $5 + 5 = 10$ stickers
- C.** 16 stickers. I added $6 + 10 = 16$ stickers.

Student Activity Book - Page 619

Name _____ Date _____

2. **A.** Each giraffe sticker costs 2¢. How much did Jason spend?

B. Each turtle sticker costs 3¢. How much did Tara spend?

3. Carla bought 4 rows of 5 stickers. How many stickers does she have?

Number sentence _____

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620SAB • Grade 2 • Unit 12 • Lesson 4Zoo Sticker Arrays

Student Activity Book - Page 620

Name _____ Date _____

Solve the problems. Show or tell how you solved the problems. Remember to use labels.

4. Miguel and Emily bought zoo stickers. Miguel bought 3 rows of 2 stickers and Emily bought 5 rows of 2 stickers.

- A.** How many stickers does Miguel have?
- B.** How many stickers does Emily have?
- C.** How many stickers do they have altogether?

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Student Activity Book - Page 621

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Teacher Guide

Collection of Stickers (TG pp. 1–2)
Homework
Questions 1–2

1. A. 30 stickers;
 $5 + 5 + 5 + 5 + 5 + 5 = 30$ stickers
- B. 3 rows. There are 6 rows and I know
 $3 + 3 = 6$.
- C. 15 stickers. Levi has 3 rows of 5 stickers left. I added $5 + 5 + 5 = 15$ stickers.

2. A.

Number sentence: $4 + 4 + 4 = 12$ stickers

- B. 24¢. I added $12 + 12 = 24$ ¢.

Name _____ Date _____

Collection of Stickers



Dear Family Member:

Your child has been learning to use various strategies to solve multiplication problems. For example, he or she may use skip counting, repeated addition, or arrays (an arrangement of objects in rows and columns). Your child may show his or her work in words, pictures, or number sentences. Thank you.

1. Levi bought a page of giraffe stickers.



- A. How many stickers did he buy? Show or tell how you found your answer.

- B. Levi wants to share his stickers equally with his little sister. How many rows will he give her? Show or tell how you found your answer.

- C. How many stickers will Levi have left? Show or tell how you found your answer.

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Teacher Guide - Page 1

Name _____ Date _____

2. A. Draw a page of stickers with three rows. Draw four stickers in each row. Write a number sentence to show the total number of stickers on the page.

Number sentence _____

- B. If each sticker costs 2 cents, What will be the total cost of the stickers? Show how you found your answer.

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Teacher Guide - Page 2