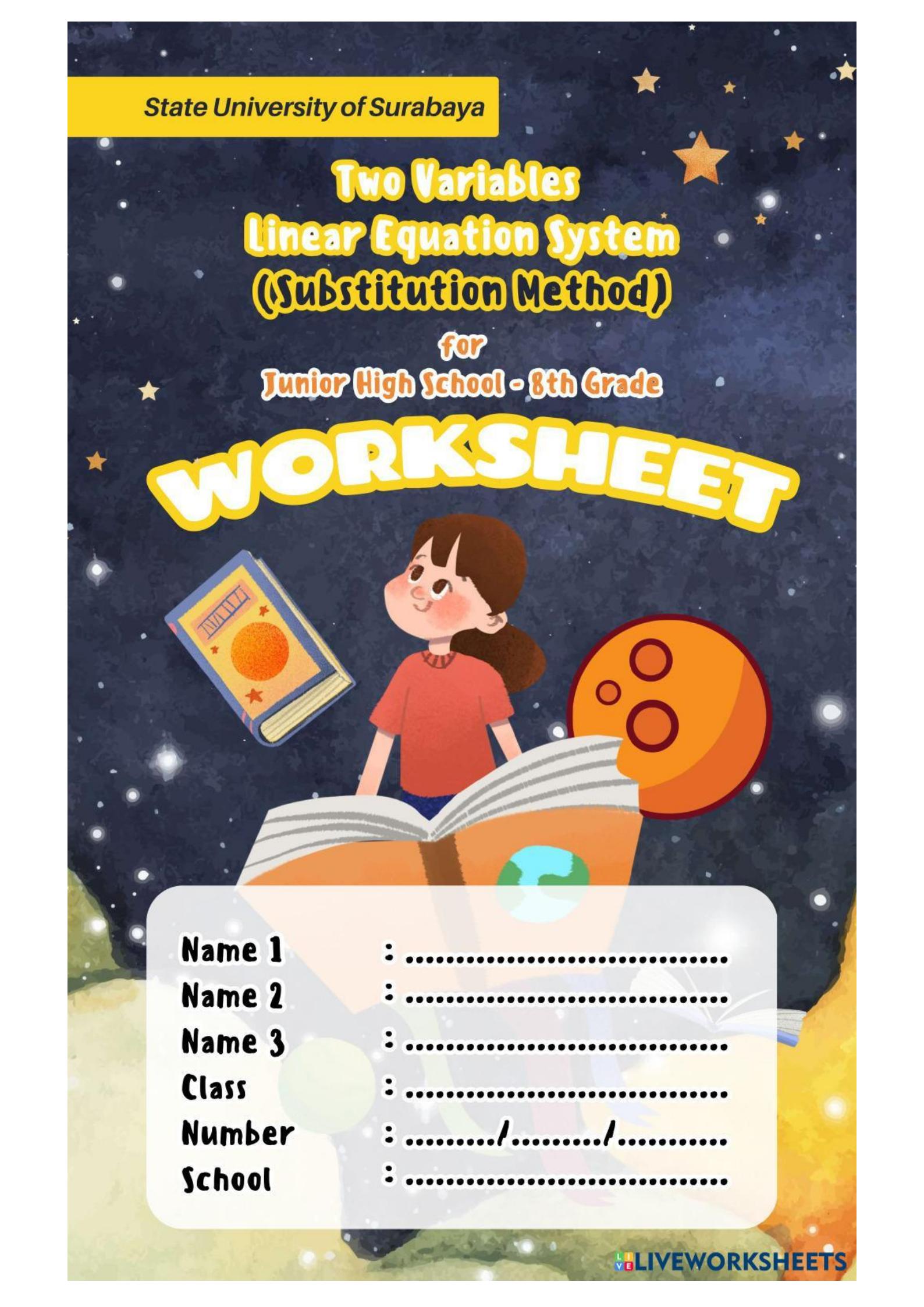# Two Variables Linear Equation System (Substitution Method)

for
Junior High School - 8th Grade

WORKSHEET

Name 1 : ....

Name 2 : ....

Name 3 : ....

Class : ....

Number : ..../........../...........

School : ....

WORKSHEET
Two Variables Linear Equation System
(Substitution Method)

Learning Goals

- Students can turning situation into a mathematical model
- Students can determine the value of a variable using substitution method
- Students can find solutions to problems related to the Two-Variables Linear Equation System
- Students can applying the concept of a Two Variables Linear Equation System to solve contextual problems

Directions

- Write your name, class, attendance number in the column that has been provided.
- Pay close attention to each question given
- Answer the questions provided in the answer column
- If you have any questions, please ask the teacher
- Good luck

Problem

Complete the following issue!

Sabang Island is an island located at the western tip of Indonesia. The area of the island is about 122 square kilometers. Even though it is small, the panorama of the natural beauty of Sabang Island is very charming. Often visited by domestic and foreign tourists for vacation. Tourist attractions that are crowded with tourists are snorkeling, and dolphin trips. During the holidays, 500 snorkeling and dolphin trip tickets were sold. The price of snorkeling tickets is IDR100,000 while the price of dolphin trip tickets is IDR150,000. For information, he sales of all tickets on the day are IDR61,500,000.

WORKSHEET
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Question

1. From the problems on above, what information can you get?

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2. Turn the information you have obtained into a mathematical model!

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3. What is the unit price of each snorkeling and dolphin trip ticket? *use Substitution method*

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Present the results of your group's performance in front of the class! Then ask the other group to respond to the results of your group's performance.

4. Write conclusions from the results of the discussion

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WORKSHEET
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5. Based on the results of the teacher's explanation, what information did you get?

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6. Problem on above is an example of a problem in a two variables linear equation system. What is your conclusion about this material?

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Make a note of how to solve using the substitution method

Scan this barcode for more references
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LIVEWORKSHEETS