COLLABORATIVE PROBLEM SOLVING

Grade III	SD Negeri Mitra

Material: Multiplication	Case: The repeated addition

Objectives
• Identifying the concept of multiplication operations involving whole numbers up to 100 through the use of images

Team Names	Peran	Student Number
	Team Leader	
	Member	
	Member	
	Member	

Teacher's Signature	Teacher's Grade

EXPERIENCE

A. LET US OBSERVE CAREFULLY

If I have 3 baskets and I want to put 4 apples in each basket, how many apples do I need?

I need 4 + 4 + 4 = 12 apples

Three baskets, each containing 4 apples,
will result in a total of 12 apples

B. SIMPLE EXPERIMENT

Color this thumb if the groups have the same number

Color this thumb if the groups are not the same

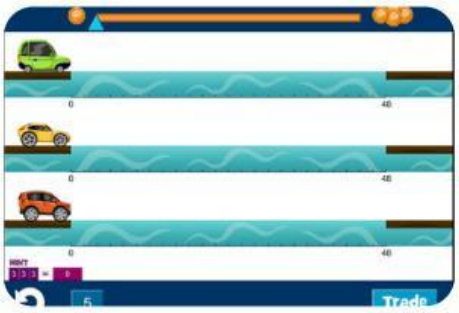
Are these groups the same?

Are these groups the same?

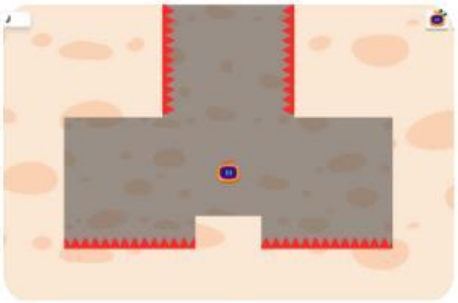
Are these groups the same?

C. SHALL WE PLAY THE GAME?

Bridge Builder Multiplication

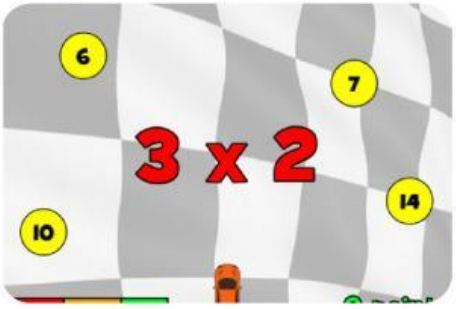


Spoinky



Cave Run

Math Racer Multiplication



Penalty Kicks

Multiplication Blocks

INTERACTION

DISCUSSION WITH FRUIT

Lemon & Baskets

I have 3 baskets, and I want to put 5 lemons in each basket. How many lemons do I need?

Put them in the basket!

You need

☐

lemons

3	X	5	=	☐
baskets		lemons		lemons

Orange & Baskets

I have 5 baskets, and I want to put 3 oranges in each basket. How many oranges do I need?

Put them in the basket!

you need

☐

oranges

☐ baskets X ☐ oranges = ☐ oranges

Watermelon & Baskets

If you have 3 baskets, and you need to put 2 watermelons in each basket, how many watermelons do you need?

Put them in the basket!

you need

☐

watermelons

☐ baskets X ☐ watermelons = ☐ watermelons

COMMUNICATION

A. GRUP PRESENTATION INSTRUCTION

- Divide tasks within the group (who will read the question, who will explain the answer, who will show the picture).
- Practice presenting the problem-solving process together, taking turns.
- Use clear and polite language.
- Show your work (illustrations, mathematical expressions, and the answer).
- Prepare yourself to answer questions from classmates or the teacher with logical reasoning.

B. INSTRUCTIONS FOR DISPLAYING WORKSHEET

- Double-check your group's poster or visual display.
- Carry the poster carefully so it doesn't get damaged or folded.
- Find the display area in the classroom assigned by your teacher (e.g., bulletin board, classroom wall, or hallway space).
- Attach your poster neatly using tape or glue provided by the teacher.
- Does not cover other groups' posters.

REFLECTION

A. LEARNING JOURNAL

Write down what you learned today and what you think about the learning activity.

Today I learned about:

.....

The strategy I used to solve the problem was:

.....

Did the strategy work? Why or why not?

.....

If I do this again, what would I improve?

.....

B. REFLECTIVE DISCUSSION

What challenges did you face when solving the problem?

.....

Was your strategy effective? Explain.

.....

How can you improve the way you solve multiplication/division word problems?

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