LESSON MAKER PRO

Array Add-Up

Use equal rows to find each total.

GRADE 2 · 2.OA.C.4

CCSS.Math.Content.2.OA.C.4 "Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends."

NAME _____ DATE _____

EQUAL ROWS

An array has rows with the same number in each row. Add the number in each row to find the total. Your addition equation shows the equal addends.

WORKED EXAMPLE

Look at the array of buttons. Write an addition equation to find the total number of buttons.



1. There are 4 buttons in each row.
2. There are 2 rows.
3. Add the equal rows: 4 + 4 = 8.

Answer: 4 + 4 = 8

PRACTICE 5 problems

1 Look at the array of toy blocks. Write an addition equation and the total.



ANSWER _____

2 Look at the array of pet treats. Write an addition equation and the total.



ANSWER _____

3 A game board has 3 rows of 5 gems. Write an addition equation and the total number of gems.

ANSWER _____

4 A robot has 3 rows of 3 lights. Write an addition equation and the total number of lights.

ANSWER _____

5 A party wall has 5 rows of 5 balloons. Write an addition equation and the total number of balloons.

ANSWER _____

APPLY IT Show your work

1 At the school fair, Mia puts 3 rows of 3 stickers on prize cards. How many stickers does Mia use? Write an addition equation.

WORK SPACE

ANSWER _____

2 A pet store puts 5 rows of 3 fish toys on a shelf. How many fish toys are on the shelf? Write an addition equation.

WORK SPACE

ANSWER _____

CHALLENGE One step up

One book shelf has 3 rows of 5 books. Another shelf has 5 rows of 3 books. Do the shelves have the same number of books? Write an equation for each shelf and tell why.

WORK SPACE AND ANSWER

ANSWER KEY

Array Add-Up

GRADE 2 · 2.OA.C.4

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Look at the array of toy blocks. Write an addition equation and the total.	**3 + 3 + 3 = 9**
2	Look at the array of pet treats. Write an addition equation and the total.	**3 + 3 + 3 + 3 + 3 = 15**
3	A game board has 3 rows of 5 gems. Write an addition equation and the total number of gems.	**5 + 5 + 5 = 15**
4	A robot has 3 rows of 3 lights. Write an addition equation and the total number of lights.	**3 + 3 + 3 = 9**
5	A party wall has 5 rows of 5 balloons. Write an addition equation and the total number of balloons.	**5 + 5 + 5 + 5 + 5 = 25**

PART 2 · APPLY IT

1. **3 + 3 + 3 = 9 stickers** There are 3 stickers in each of 3 rows. Add 3 three times to get 9.
2. **3 + 3 + 3 + 3 + 3 = 15 fish toys** There are 3 fish toys in each of 5 rows. Add 3 five times to get 15.

CHALLENGE

Yes. 5 + 5 + 5 = 15 and 3 + 3 + 3 + 3 + 3 = 15. Both shelves have 15 books.

Accept equal-addend addition equations that match the rows shown or described. For the challenge, accept a clear statement that both arrays have the same total.