LESSON MAKER PRO

Array Addition Fun

Add equal rows to find the total.

GRADE 2 · 2.NR.3.2

2.NR.3.2 "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 _____

ADD THE ROWS

In an array, each row has the same number of objects. Add the number in each row again and again to find the total.

WORKED EXAMPLE

Count the apples in the array. Write an addition equation and the total.



1. There are 2 rows.
2. Each row has 4 apples.
3. Add 4 + 4.
4. 4 + 4 = 8.

Answer: 4 + 4 = 8

PRACTICE 4 problems

1 A toy shelf has 3 rows of 3 cars. Write an addition equation and the total.

ANSWER _____

2 A tray has 3 rows of 5 crackers. Write an addition equation and the total.

ANSWER _____

3 A pet card has 5 rows of 3 fish stickers. Write an addition equation and the total.

ANSWER _____

4 A game board has 5 rows of 5 stars. Write an addition equation and the total.

ANSWER _____

APPLY IT Show your work

1 Maya puts stickers on a game card. The array shows the stickers. Write an addition equation and the total.



ANSWER _____

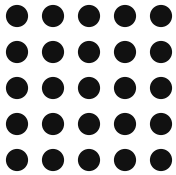
2 A pet show card has fish stickers in the array. Write an addition equation and the total.



ANSWER _____

CHALLENGE One step up

A robot light panel is shown. Write an addition equation. How do you know the total?



WORK SPACE AND ANSWER

ANSWER KEY

Array Addition Fun

GRADE 2 · 2.NR.3.2

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A toy shelf has 3 rows of 3 cars. Write an addition equation and the total.	**3 + 3 + 3 = 9**
2	A tray has 3 rows of 5 crackers. Write an addition equation and the total.	**5 + 5 + 5 = 15**
3	A pet card has 5 rows of 3 fish stickers. Write an addition equation and the total.	**3 + 3 + 3 + 3 + 3 = 15**
4	A game board has 5 rows of 5 stars. Write an addition equation and the total.	**5 + 5 + 5 + 5 + 5 = 25**

PART 2 · APPLY IT

1. **5 + 5 + 5 = 15** There are 3 equal rows of 5 stickers. Add 5 three times.
2. **3 + 3 + 3 + 3 + 3 = 15** There are 5 equal rows of 3 fish stickers. Add 3 five times.

CHALLENGE

5 + 5 + 5 + 5 + 5 = 25. There are 5 equal rows of 5 lights.

Accept equivalent equal-addend equations that add by columns instead of rows. Students should show the correct total and an equation with equal addends.