



GRADE 2 / WATCH MR DJ SOLVE

ARRAYS AND EQUAL ADDENDS

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Draw 2 rows of 3 dots. How many dots? Write equal addends.**

- 1 Each row has 3 dots.
- 2 There are 2 rows.
- 3 $3+3=6$.

Answer: $3+3=6$ **REMEMBER** count rectangular arrays with equal-addend equations, using up to five rows and columns.

Read each step and explain why it is valid. The next pages demonstrate the methods in more detail. Then use the large work areas on the numbered practice pages.



GRADE 2 / WORKED METHODS

ARRAYS AND EQUAL ADDENDS

Read a complete example before trying the matching method.



Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Count equal rows

$$3+3=6$$

1. There are 2 rows.
2. Each row has 3 dots.
3. $3+3$ counts every dot.



2 rows of 3; $3+3 = 6$



GRADE 2 / WORKED METHODS

ARRAYS AND EQUAL ADDENDS

Read a complete example before trying the matching method.

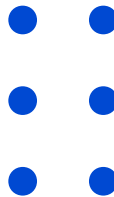


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Turn the array

$$2+2+2=6$$

1. Turn the same six dots.
2. Now see 3 rows of 2.
3. $2+2+2=6$.



3 rows of 2; $2+2+2 = 6$

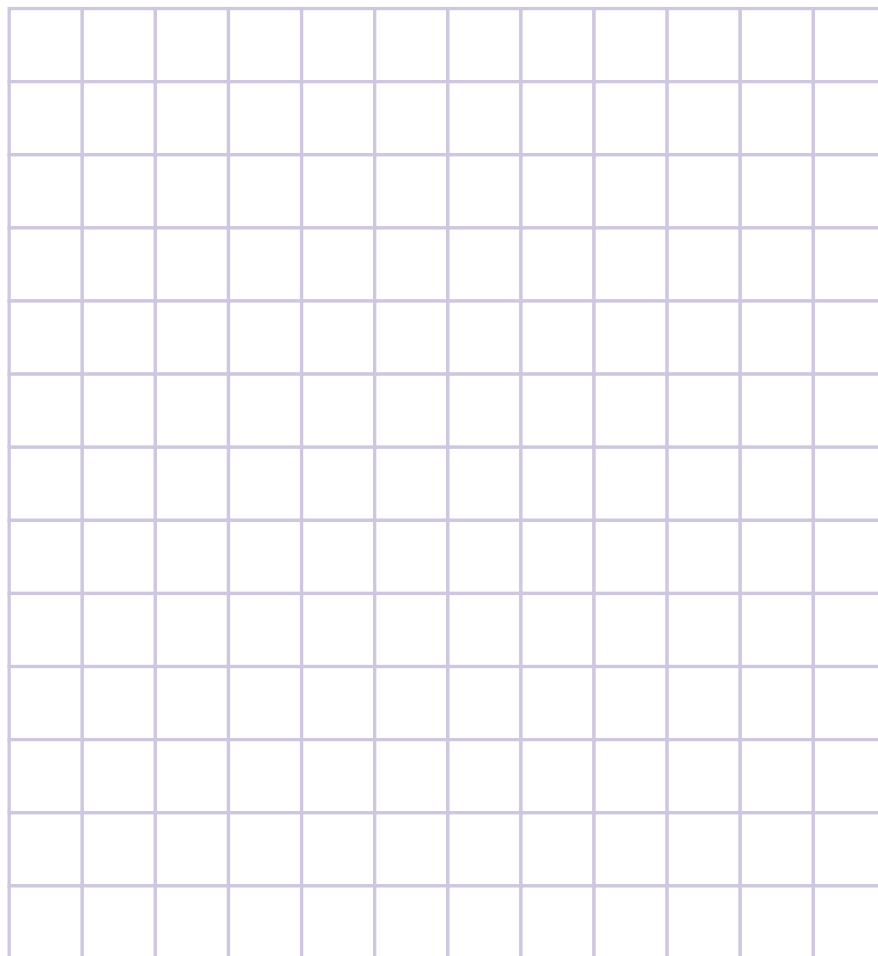
GRADE 2 / MATHEMATICAL WORK TOOL

ARRAYS AND EQUAL ADDENDS

Draw, label and explain.



Draw and label a picture. Count every object once.





GRADE 2 / PRACTICE

ARRAYS AND EQUAL ADDENDS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🔼 Mild

1. Draw 3 rows of 2 dots. Count the total.

My answer / conclusion: _____



Date _____

ARRAYS AND EQUAL ADDENDS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

2. An array has 2 rows and 3 dots in each row. Is $2+3$ its total?

My answer / conclusion: _____



GRADE 2 / PRACTICE

ARRAYS AND EQUAL ADDENDS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

◀ Medium

3. Use $3+3$ to draw an array.

My answer / conclusion: _____



GRADE 2 / PRACTICE

ARRAYS AND EQUAL ADDENDS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

◀ Medium

4. Add one row of 3 dots to 2 rows. How many dots now?

My answer / conclusion: _____



Date _____

ARRAYS AND EQUAL ADDENDS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

5. Take one row from 2 rows of 3. How many stay?

My answer / conclusion: _____



Date _____

ARRAYS AND EQUAL ADDENDS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

🔥 Spicy 6. Digit says 2 rows of 3 must have the same number as 3 rows of 2. Is this true?

My answer / conclusion: _____



Date _____

ARRAYS AND EQUAL ADDENDS

A cartoon fox character with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

7. Split 2 rows of 3 into two groups of rows. Check the total.



Date _____

ARRAYS AND EQUAL ADDENDS

A cartoon fox character with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

8. Find two different arrays with 6 dots. Use at most 5 rows and 5 columns.

My answer / conclusion: _____