

Grade 2 - Arrays and Equal Groups - Test Answer Key

Common Core 2.OA.C.4 · maths-pdf.fr/en/

This **arrays test answers** for 2nd Grade covers arrays and equal groups (Common Core 2.OA.C.4), with a free PDF to print.

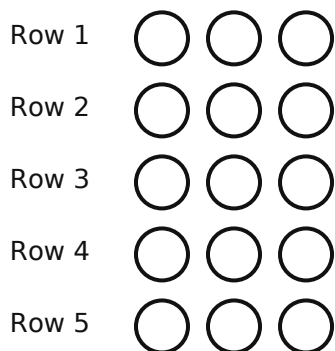
This answer key lists each solution and how the points are awarded. Give partial credit when a student writes the correct equal addends but makes a small addition slip. Total: 20 points.

Grade 2 · Common Core State Standards: **2.OA.C.4**

Arrays test answers: worked solutions

Question 1 - Rows and columns [2 pts]

5 rows and 3 columns.



Rows go across, columns go up and down.

Scoring: 1 point for the rows, 1 point for the columns.

Question 2 - Add the rows [2 pts]

$$3+3+3=9$$

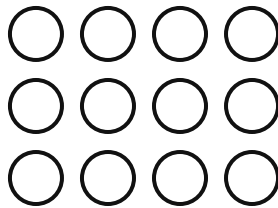
Total: 9

Scoring: 1 point for three equal addends, 1 point for the correct total.

Question 3 - Add the columns [2 pts]

$$3+3+3+3=12$$

Total: 12



$$3 + 3 + 3 + 3 = 12$$

Four columns of 3.

Scoring: 1 point for four addends of 3, 1 point for the correct total.

Question 4 - Egg cartons [2 pts]

$$4+4=8$$

8 eggs

Scoring: 1 point for the sentence, 1 point for the total.

Question 5 - Boxes of pencils [2 pts]

$$5+5+5=15$$

15 pencils

Scoring: 1 point for the sentence, 1 point for the total.

Question 6 - Rows or columns [2 pts]

Rows: $5+5+5=15$

Columns: $3+3+3+3+3=15$

Scoring: 1 point for each correct sentence.

Question 7 - Missing row size [2 pts]

$5+5+5+5+5=25$, so each row has **5 stickers**.

Scoring: 1 point for a correct method such as repeated addition, 1 point for the answer.

Question 8 - Chairs at a concert [3 pts]

- a. $5+5+5=15$. **15 chairs**.
b. There are 5 rows: $5+5+5+5+5=25$. **25 chairs**.

Scoring: (a) 1 point. (b) 1 point for using 5 rows or adding 15 and 10, 1 point for the correct total.

Question 9 - Compare two arrays [3 pts]

- a. A: $4+4+4+4=16$ B: $3+3+3+3+3=15$
b. Array A has **1 more**: 16 is greater than 15.

Scoring: (a) 1 point for each array. (b) 1 point for naming Array A.

Total score

Total

20 points

Key facts behind this arrays test answers
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Key facts

- Rows go across and columns go up and down.
- Repeated addition adds the same number again and again: $4 + 4 + 4 = 12$.
- Grade 2 arrays have up to 5 rows and up to 5 columns.
- Adding the rows or adding the columns gives the same total.
- Equal groups, such as 4 bags of 5, can be added the same way.

How to use this arrays test answers

Score your test with the point values shown for each question. Then read the worked solution of every question where you lost points and note the method to review.