

* ROWS & COLUMNS *

2nd Grade - Array Architects! - Arrays & Repeated Addition Worksheet

Aligned to CCSS 2.OA.C.4 - DOK 1-3 - Free from MySchoolHero.com

Name: _____

Date: _____

1. Count the rows!



How many rows? _____

DOK 1

2. Count each row!



How many in each row? _____

DOK 1

3. Count them all!



How many in all? _____

DOK 1

4. Rows & columns



_____ rows _____ columns

DOK 1

5. Circle the match!

Circle 2 rows of 4.



A



B



C

DOK 1

6. Write the addition!



_____ + _____ + _____ = _____

DOK 1

7. Find the total!



4 rows of 4:

_____ + _____ + _____ + _____ = _____

DOK 2

8. Build it!

Draw 3 rows of 4.



DOK 2

9. Same total?

2 rows of 6 and

3 rows of 4.

Same total?

YES / NO

DOK 2

10. Equal rows?

8 in 2 rows YES / NO

9 in 2 rows YES / NO

12 in 3 rows YES / NO

10 in 4 rows YES / NO

DOK 2

11. Always or never?

Equal rows can ALWAYS be added up.

ALWAYS / NEVER

Turning the array NEVER changes the total.

ALWAYS / NEVER

DOK 3

12. Explain your thinking!

Why do 4 rows of 3 and 3 rows of 4 have the same total? Write or draw.

DOK 3

ANSWER KEY

1. 3 rows 2. 5 in each 3. 12 4. 3 rows, 5 columns 5. A (2 rows of 4) 6. $2+2+2=6$ 7. $4+4+4+4=16$ 8. array of 3 rows of 4 (12 dots) 9. YES (both 12) 10. YES(4), NO, YES(4), NO 11. ALWAYS, NEVER 12. both have 12 dots; turning the array keeps the same dots



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