

Arrays and equal groups

Suggested: Year 2 | Pupil page

Connect rows of dots with repeated addition and multiplication.

Name: _____ Date: _____

For this sheet, rows go across. Write a repeated addition and a multiplication for each array.



____ rows of ____ = ____

Addition: _____

Multiplication: _____



____ rows of ____ = ____

Addition: _____

Multiplication: _____



____ rows of ____ = ____

Addition: _____

Multiplication: _____



____ rows of ____ = ____

Addition: _____

Multiplication: _____

A turned array can show another multiplication with the same total. Explain how you are reading your rows.

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Purpose and use

Connect rows of dots with repeated addition and multiplication.

Teaching notes

Accept the commuted multiplication if the pupil explains how they read the array. The printed rows prompt has one stated orientation.

Ask pupils to notice equal groups; counting every dot is a starting point, not the only possible method.

Answers / suggested responses

1. 2 rows of 5 = 10; $5 + 5 = 10$; $2 \times 5 = 10$.
2. 3 rows of 2 = 6; $2 + 2 + 2 = 6$; $3 \times 2 = 6$.
3. 4 rows of 5 = 20; $5 + 5 + 5 + 5 = 20$; $4 \times 5 = 20$.
4. 2 rows of 10 = 20; $10 + 10 = 20$; $2 \times 10 = 20$.

Print and adapt

Print the pupil page only if you do not need these notes. Use A4 paper. Provide appropriate help, access tools or a spoken response where useful. Suggested year or grade ranges are starting points, not a statement of curriculum alignment.

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