

Freddie's Frog Pond

Grade 2 · Arrays and repeated addition · 2.OA.C.4

Name _____

Date _____



Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Add the rows Write how many are in each row, then add them up.



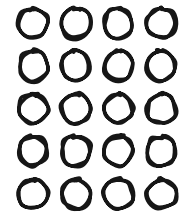
$$\square + \square = \square$$



$$\square + \square = \square$$



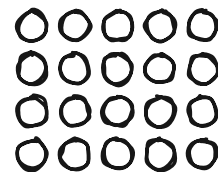
$$\square + \square + \square = \square$$



$$\square + \square + \square + \square + \square = \square$$



$$\square + \square + \square + \square + \square = \square$$



$$\square + \square + \square + \square = \square$$

Picture it Draw the array in your head, or on the back.

3 rows of 4 = $\square$

4 rows of 2 = $\square$

2 rows of 3 = $\square$

5 rows of 3 = $\square$

Freddie's Frog Pond

Grade 2 · Arrays and repeated addition · 2.OA.C.4

ANSWER KEY



Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Add the rows Write how many are in each row, then add them up.



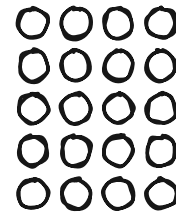
$$5 + 5 = 10$$



$$2 + 2 = 4$$



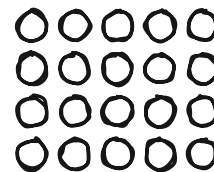
$$2 + 2 + 2 = 6$$



$$4 + 4 + 4 + 4 + 4 = 20$$



$$3 + 3 + 3 + 3 + 3 = 15$$



$$5 + 5 + 5 + 5 = 20$$

Picture it Draw the array in your head, or on the back.

$$3 \text{ rows of } 4 = 12$$

$$4 \text{ rows of } 2 = 8$$

$$2 \text{ rows of } 3 = 6$$

$$5 \text{ rows of } 3 = 15$$

Freddie's Frog Pond

Grade 2 · Arrays and repeated addition · 2.OA.C.4

GUIDE

1 What this sheet practises

Counting objects set out in rows and columns by adding the same number again and again, a first step toward multiplication.

2 A problem from the sheet, worked out

Add the rows Write how many are in each row, then add them up.


$$\boxed{5} + \boxed{5} = \boxed{10}$$


$$\boxed{2} + \boxed{2} = \boxed{4}$$

How: Count how many are in one row. Every row has the same number, so add that number once for each row: 3 rows of 4 is $4 + 4 + 4 = 12$.

3 Words to know

array objects in equal rows and columns

row a line going across

column a line going down

repeated addition adding the same number again and again

4 Watch for

- Adding the number of rows and the number in each row ($3 + 4$).
- Writing too many or too few addends for the rows.
- Mixing up rows and columns in the addition.

5 Where it fits

THIS SHEET

2.OA.C.4

Use repeated addition to count objects in rows and columns.

NEXT

3.OA.A.1

Understand multiplying as equal groups: 5×7 is 5 groups of 7.

6 Helping at home

Look for arrays at home: egg cartons, muffin tins, window panes. Ask how many in a row, how many rows and how many in all.