Homework/Extension
Step 4: Make Arrays

National Curriculum Objectives:

Mathematics Year 1: (1N1b) Count in multiples of twos, fives and tens
Mathematics Year 1: (1C8) Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Match the array to the correct number sentence. Using multiples of 2.
Expected Match the array to the correct number sentence. Using multiples of 2, 5 and 10.
Greater Depth Match the array to the correct number sentence. Using up to 10 columns or rows.

Questions 2, 5 and 8 (Varied Fluency)
Developing Complete the number sentence to match the array description. Using multiples of 2.
Expected Complete the number sentence to match the array description. Using multiples of 2, 5 and 10.
Greater Depth Complete the number sentence to match the array description. Using up to 10 columns or rows.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Make an array using a set number of objects. Using multiples of 2.
Expected Make an array using a set number of objects. Using multiples of 2, 5 and 10.
Greater Depth Make an array using a set number of objects. Using up to 10 columns or rows.

More Year 1 Multiplication and Division resources.

Did you like this resource? Don't forget to review it on our website.

Make Arrays

1. Match the picture to the correct number sentence.

A.

$$2 + 2 = 4$$

B.

$$2 + 2 + 2 + 2 = 8$$

C.

$$2 + 2 + 2 = 6$$

D.
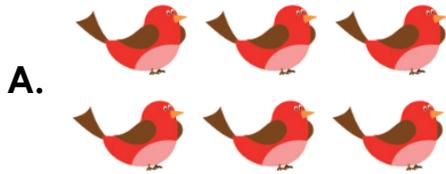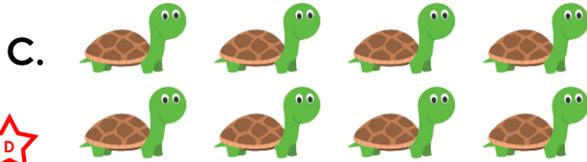
2. Complete the number sentences to match the statements.

There are 2 rows.
There are 3 columns. ➡ ☐ + ☐ + ☐ = ☐

There are 4 rows.
There are 2 columns. ➡ ☐ + ☐ = ☐

There are 2 rows.
There are 4 columns. ➡ ☐ + ☐ + ☐ + ☐ = ☐

D.

3. Make an array using these marbles.

D.

Make Arrays

4. Match the picture to the correct number sentence.

A.

$$10 + 10 = 20$$

B.

$$2 + 2 + 2 + 2 = 8$$

C.
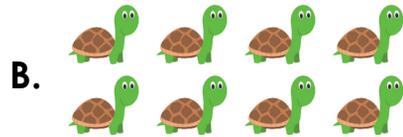
$$5 + 5 + 5 = 15$$

5. Complete the number sentences to match the statements.

There are 2 rows.
There are 5 columns.   ➡   ☐ + ☐ + ☐ + ☐ + ☐ = ☐

There are 10 rows.
There are 3 columns.   ➡   ☐ + ☐ + ☐ = ☐

There are 5 rows.
There are 4 columns.   ➡   ☐ + ☐ + ☐ + ☐ = ☐

6. Make 2 different arrays using these marbles.

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Homework/Extension – Make Arrays – Year 1 Expected

Make Arrays

7. Match the picture to the correct number sentence.

A.

$5 + 5 + 5 + 5 + 5 = 25$

B.

$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 30$

C.

$2 + 2 + 2 + 2 + 2 + 2 + 2 = 14$

VF
HW/Ext

8. Complete the number sentences to match the statements.

There are 5 rows.
There are 6 columns.

⬜ + ⬜ + ⬜ + ⬜ + ⬜ + ⬜ = ⬜

There are 10 rows.
There are 4 columns.

⬜ + ⬜ + ⬜ + ⬜ = ⬜

There are 3 rows.
There are 5 columns.

⬜ + ⬜ + ⬜ + ⬜ + ⬜ = ⬜

VF
HW/Ext

9. Make 2 different arrays using these marbles.

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Homework/Extension
Make Arrays

Developing
1. A: 2 + 2 + 2 = 6, B: 2 + 2 = 4, C: 2 + 2 + 2 + 2 = 8
2. 2 + 2 + 2 = 6, 4 + 4 = 8, 2 + 2 + 2 + 2 = 8
3.
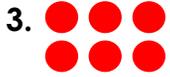
Expected
4. A: 5 + 5 + 5 = 15, B: 2 + 2 + 2 + 2 = 8, C: 10 + 10 = 20
5. 2 + 2 + 2 + 2 + 2 = 10, 10 + 10 + 10 = 30, 5 + 5 + 5 + 5 = 20
6. and
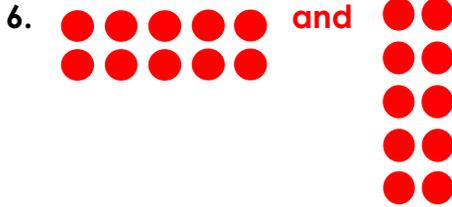
Greater Depth
7. A: 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 10, B: 2 + 2 + 2 + 2 + 2 + 2 + 2 = 14,
C: 5 + 5 + 5 + 5 + 5 = 25
8. 5 + 5 + 5 + 5 + 5 + 5 = 30, 10 + 10 + 10 + 10 = 40, 3 + 3 + 3 + 3 + 3 = 5
9. Any two of these: