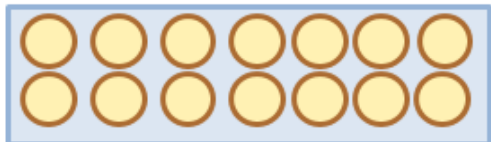## KS1 Maths Quiz - Year 1 Calculation - Multiplication Using Arrays (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Maths and Numeracy for children aged 5 and 6 in year 1. Specifically this quiz is aimed at the section dealing with multiplication using arrays.

Multiplication using arrays is a way of organising the numbers in a visual way in order to understand how repeated addition is the same as multiplication. Using an array to visualise a problem also highlights how the order of the multiplication can be reversed to give the same answer. For example, 2 x 4 gives the same answer as 4 x 2.
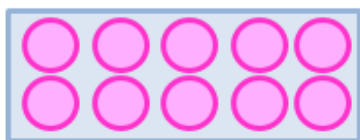
1. 7 x 2 and 2 x 7 give the same answer. What is it?

[ ] 72
[ ] 12
[ ] 27
[ ] 14

2. What is 2 x 3?

[ ] 6
[ ] 8
[ ] 4
[ ] 3

3. 2 x 5 is the same as...

[ ] 2 + 5
[ ] 4 x 5
[ ] 5 + 5
[ ] 5 x 5

4. What is 5 x 3?
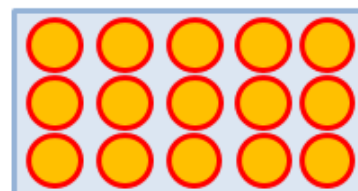
[ ] 30
[ ] 13
[ ] 26
[ ] 15

5. What is 3 x 3 + 3 x 3?

[ ] 18
[ ] 9
[ ] 99
[ ] 81
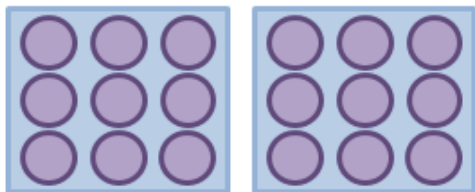
6. 5 x 2 is the same as...

[ ] 2 + 2 + 2 + 2 + 2
[ ] 4 x 5
[ ] 5 + 5 + 5 + 5 + 5
[ ] 5 x 5

7. 2 x 4 is the same as...

[ ] 2 + 2
[ ] 4 x 2
[ ] 4 + 4 + 4
[ ] 2 x 2
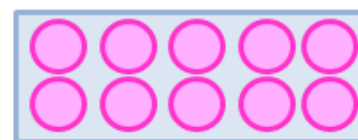
8. 3 x 6 is the same as...

[ ] 3 + 3 + 3
[ ] 6 + 6 + 6
[ ] 3 x 3
[ ] 6 x 6
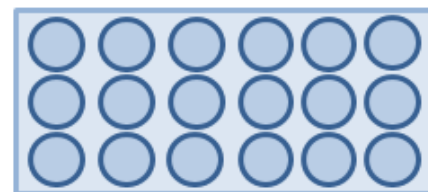
9.

6 x 3 is the same as...
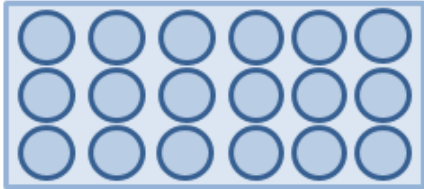
[ ] 3 + 3 + 3 + 3 + 3 + 3
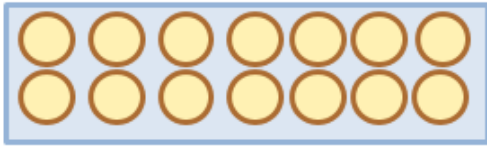[ ] 6 + 6 + 6 + 6 + 6 + 6
[ ] 3 x 3
[ ] 6 x 6

10.

What is 3 x 4?

[ ] 18
[ ] 12
[ ] 8
[ ] 14

KS1 Maths Quiz - Year 1 Calculation - Multiplication Using Arrays (Answers)
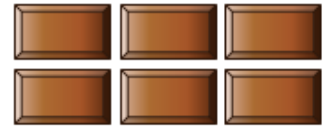
1. 7 x 2 and 2 x 7 give the same answer. What is it?

[ ] 72
[ ] 12
[ ] 27
[x] 14
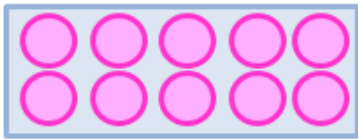
2 groups of 7, or 7 groups of 2, makes 14

2. What is 2 x 3?

[x] 6
[ ] 8
[ ] 4
[ ] 3

2 groups of 3, or 3 + 3 = 6

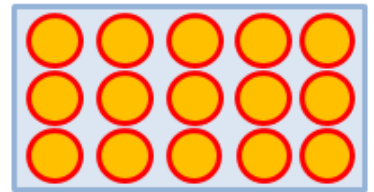**3.** 2 x 5 is the same as...

[ ] 2 + 5
[ ] 4 x 5
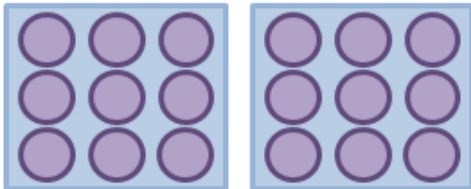[x] 5 + 5
[ ] 5 x 5

2 x 5 is 2 groups of 5, or 5 + 5

4. What is 5 x 3?

[ ] 30
[ ] 13
[ ] 26
[x] 15

5 groups of 3, or 3 + 3 + 3 + 3 + 3 = 15

5. What is 3 x 3 + 3 x 3?

[x] 18
[ ] 9
[ ] 99
[ ] 81

3 x 3 = 9. 9 plus 9 = 18

6. 5 x 2 is the same as...

[x] 2 + 2 + 2 + 2 + 2
[ ] 4 x 5
[ ] 5 + 5 + 5 + 5 + 5
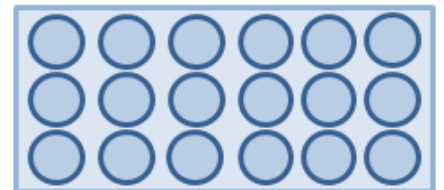[ ] 5 x 5

5 x 2 is 5 groups of 2, or 2 + 2 + 2 + 2 + 2

7. 2 x 4 is the same as...

[ ] 2 + 2
[x] 4 x 2
[ ] 4 + 4 + 4
[ ] 2 x 2

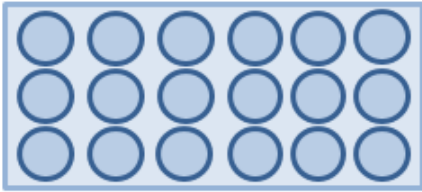2 groups of 4 is the same as 4 groups of 2

8. 3 x 6 is the same as...

[ ] 3 + 3 + 3
[x] 6 + 6 + 6
[ ] 3 x 3
[ ] 6 x 6

3 x 6 is the same as 3 groups of 6, or 6 + 6 + 6

9.

6 x 3 is the same as...

[x] 3 + 3 + 3 + 3 + 3 + 3
[ ] 6 + 6 + 6 + 6 + 6 + 6
[ ] 3 x 3
[ ] 6 x 6
6 x 3 is the same as 6 groups of 3, or 3 + 3 + 3 + 3 + 3 + 3

10.

What is 3 x 4?

[ ] 18
[x] 12
[ ] 8
[ ] 14
3 groups of 4, or 4 + 4 + 4 = 12