# Education Quizzes

**KS1 Maths Quiz - Year 1 Calculation - Division and Sharing (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 division using concrete objects, pictorial representations and arrays.*

Division in Year 1 usually means sharing into equal groups. This can be related to repeated subtraction and pictures, representations, arrays or objects. These are often used to support this. Division facts can be related to the correct multiplication. For example: if a child knows that 2 x 4 = 8,
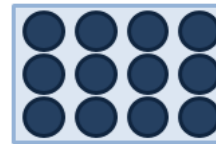then they should recognise that 8 ÷ 4 = 2, or 8 ÷ 2 = 4

This quiz will help children to become familiar with divisions using representations and arrays.

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1. **If I divide 10 tins into two equal groups, how many will be in each group?**



[   ] 8
[   ] 11
[   ] 10
[   ] 5

2. **What is 12 ÷ 3?**



[   ] 30
[   ] 12
[   ] 8
[   ] 4

3. **Dividing means...**

[   ] Finding the total
[   ] Sharing into equal groups
[   ] Adding together
[   ] Making numbers bigger

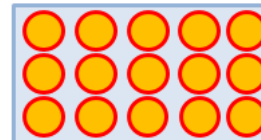4. **If I divide 8 into groups of 2, what calculation am I doing?**



[   ] 8 ÷ 2
[   ] 2 ÷ 8
[   ] 16 ÷ 8
[   ] 12 ÷ 2

5. **What is 10 ÷ 2?**



[   ] 10
[   ] 5
[   ] 2
[   ] 20

6. **What is 15 ÷ 5?**



[   ] 35
[   ] 5
[   ] 15
[   ] 3

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**7.** **Which divisions could be written about this array?**
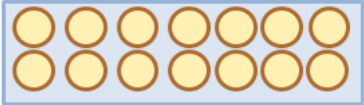


[   ]   16 ÷ 8 = 2 and 16 ÷ 2 = 8
[   ]   10 ÷ 5 = 2 and 10 ÷ 2 = 5
[   ]   12 ÷ 2 = 6 and 12 ÷ 6 = 2
[   ]   14 ÷ 7 = 2 and 14 ÷ 2 = 7

**8.** **What is 12 ÷ 4?**



[   ]   3
[   ]   4
[   ]   12
[   ]   8

**9.** **What is 12 ÷ 2?**



[   ]   22
[   ]   16
[   ]   6
[   ]   12

**10.** **Jim, Ben and Sue share these stickers. How many will they get each?**



[   ]   12 x 2 = 24
[   ]   12 ÷ 4 = 3
[   ]   12 x 3 = 36
[   ]   12 ÷ 3 = 4

**KS1 Maths Quiz - Year 1 Calculation - Division and Sharing (Answers)**

**1.** **If I divide 10 tins into two equal groups, how many will be in each group?**

[ ] 8
[ ] 11
[ ] 10
[ x ] 5

10 ÷ 2 = 5

**2.** **What is 12 ÷ 3?**

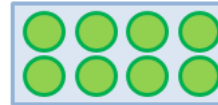[ ] 30
[ ] 12
[ ] 8
[ x ] 4

12 shared into 3 equal groups gives 4 in each group

**3.** **Dividing means…**

[ ] Finding the total
[ x ] Sharing into equal groups
[ ] Adding together
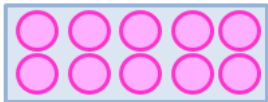[ ] Making numbers bigger

Dividing is the same as sharing into groups

**4.** **If I divide 8 into groups of 2, what calculation am I doing?**

[ x ] 8 ÷ 2
[ ] 2 ÷ 8
[ ] 16 ÷ 8
[ ] 12 ÷ 2

Sharing into groups of 2 is the same as dividing by 2

**5.** **What is 10 ÷ 2?**

[ ] 10
[ x ] 5
[ ] 2
[ ] 20

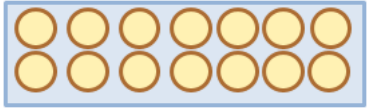10 ÷ 2 means sharing 10 into 2 equal groups, with 5 in each group

**6.** **What is 15 ÷ 5?**
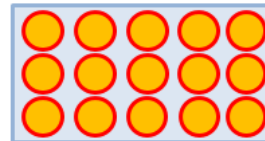
[ ] 35
[ ] 5
[ ] 15
[ x ] 3

15 shared into 5 equal groups gives 3 in each group

**7. Which divisions could be written about this array?**

[ ]  16 ÷ 8 = 2 and 16 ÷ 2 = 8
[ ]  10 ÷ 5 = 2 and 10 ÷ 2 = 5
[ ]  12 ÷ 2 = 6 and 12 ÷ 6 = 2
[ x ]  14 ÷ 7 = 2 and 14 ÷ 2 = 7
There are 14 circles altogether

**8. What is 12 ÷ 4?**

[ x ]  3
[ ]  4
[ ]  12
[ ]  8
12 ÷ 4 = 3 and 12 ÷ 3 = 4

**9. What is 12 ÷ 2?**

[ ]  22
[ ]  16
[ x ]  6
[ ]  12
12 shared into 2 equal groups is 6
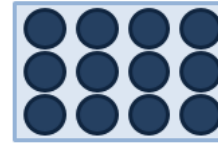
**10. Jim, Ben and Sue share these stickers. How many will they get each?**

[ ]  12 x 2 = 24
[ ]  12 ÷ 4 = 3
[ ]  12 x 3 = 36
[ x ]  12 ÷ 3 = 4
There are 12 stickers to be shared between 3 people, so 12 ÷ 3 = 4