

## KS1 Maths Quiz - Year 1 Fractions - Halves (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 recognising, finding and naming a half as one of two equal parts of an object, shape or quantity. It gently introduces them to fractions.

Halving numbers or groups of objects is often young children's first experience of fractions. They may relate this to cutting one object in two, dividing by two or sharing one group into two equal parts. Children should recognise that for halving to be accurate, both parts should be equal in size or amount.

### 1. Is this cake cut in half?



- Yes, there is a line down the middle
- Yes, it has been shared between two people
- Yes, there are two pieces
- No, the two pieces aren't the same size

### 2. To find half of 16 stars, you should...



- Cut some out
- Share them into two equal groups
- Put them into 4 piles
- Put them in a bag

### 3. What is half of 10?



- 8
- 5
- 20
- 35

### 4. To halve a cake, you should...



- Cut it into 4 slices
- Cut it into 2 equal parts
- Share it with some friends
- Eat some quickly

### 5. There are 14 chocolate buttons in a bag. I only eat half. How many are left?



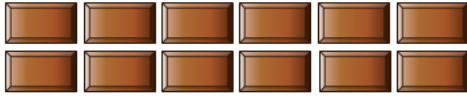
- 7
- 6
- 5
- 10

### 6. I have 18 stickers and I halve them with my best friend. How many get each?



- 14
- 10
- 16
- 9

7. What is half of 12?



- 6
- 12
- 14
- 24

8. What is half of 20?

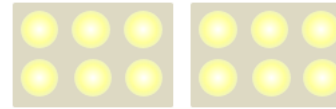


- 16
- 14
- 22
- 10

9. Finding half (or halving) is the same as...

- Subtracting 2
- Adding 2
- Multiplying by 2
- Dividing by 2

10. I buy 2 boxes of 6 eggs. I use half of the eggs in a cake. How many are left?



- 2
- 16
- 6
- 4

## KS1 Maths Quiz - Year 1 Fractions - Halves (Answers)

1. **Is this cake cut in half?**



- Yes, there is a line down the middle
- Yes, it has been shared between two people
- Yes, there are two pieces
- No, the two pieces aren't the same size

Halves of a shape must be identical

3. **What is half of 10?**



- 8
- 5
- 20
- 35

10 shared into 2 equal groups gives 5 in each group, so half of 10 is 5

5. **There are 14 chocolate buttons in a bag. I only eat half. How many are left?**



- 7
- 6
- 5
- 10

Half of 14 is 7

2. **To find half of 16 stars, you should...**



- Cut some out
- Share them into two equal groups
- Put them into 4 piles
- Put them in a bag

Each group should have exactly the same number of stars

4. **To halve a cake, you should...**



- Cut it into 4 slices
- Cut it into 2 equal parts
- Share it with some friends
- Eat some quickly

The two halves should be exactly the same size

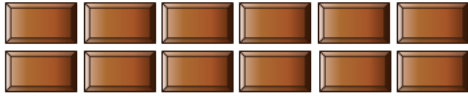
6. **I have 18 stickers and I halve them with my best friend. How many do we get each?**



- 14
- 10
- 16
- 9

Half of 10 is 5, half of 8 is 4.  $5 + 4 = 9$

7. **What is half of 12?**



- 6
- 12
- 14
- 24

$12 \div 2 = 6$ , so half of 12 is 6

9. **Finding half (or halving) is the same as...**

- Subtracting 2
- Adding 2
- Multiplying by 2
- Dividing by 2

Halving means sharing into 2 equal groups or parts

8. **What is half of 20?**



- 16
- 14
- 22
- 10

Sharing 20 into two equal groups would give 10 in each group

10. **I buy 2 boxes of 6 eggs. I use half of the eggs in a cake. How many are left?**



- 2
- 16
- 6
- 4

Using half of the eggs would be the same as using one box only