

## KS1 Maths Quiz - Year 2 Fractions - Numbers (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Maths and Numeracy for children aged 6 and 7 in year 2. Specifically this quiz is aimed at the section dealing with finding fractions of numbers.

Finding fractions of numbers means being able to understand that a number split into two equal groups has been halved, and that a number split into four equal groups has been quartered. Children in Year 2 should also recognise the equivalence of two quarters equalling one half, and also that three quarters is greater than a half, but less than the whole. Using division is key when working out and finding fractions of whole numbers.

1. Which is greater:  $\frac{0}{4}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$  or  $\frac{3}{4}$ ?

- $\frac{0}{4}$
- $\frac{1}{4}$
- $\frac{2}{4}$
- $\frac{3}{4}$

2. Which is greater: half of 10 or a quarter of 20?

- They are both the same
- Half of 10
- A quarter of 20
- Five

3. What is  $\frac{1}{4}$  of 20?

- 4
- 5
- 10
- 40

4. How do you find a quarter of a number?

- Divide it by 4
- Divide it by 2
- Multiply it by 4
- Multiply it by 2

5. Two quarters is the same as...

- $\frac{1}{4}$
- $\frac{1}{2}$
- $\frac{1}{8}$
- $\frac{1}{5}$

6. What is a quarter of 12?

- 6
- 4
- 3
- 48

7. What is  $\frac{1}{2}$  of 12?

- 10
- 24
- 4
- 6

8. What is half of 8?

- 4
- 2
- 16
- 8

9. What is 20 halved?

- 8
- 12
- 2
- 10

10. To find half of a number, you should divide it by...

- 1
- 4
- 2
- 8

## KS1 Maths Quiz - Year 2 Fractions - Numbers (Answers)

1. Which is greater:  $\frac{0}{4}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$  or  $\frac{3}{4}$ ?

- $\frac{0}{4}$   
  $\frac{1}{4}$   
  $\frac{2}{4}$   
  $\frac{3}{4}$

Three of the quarters would be more than two, one or none of them!

2. Which is greater: half of 10 or a quarter of 20?

- They are both the same  
 Half of 10  
 A quarter of 20  
 Five

Half of 10 is 5 and a quarter of 20 is also 5!

3. What is  $\frac{1}{4}$  of 20?

- 4  
 5  
 10  
 40

$20 \div 4 = 5$  so  $\frac{1}{4}$  of 20 is 5

4. How do you find a quarter of a number?

- Divide it by 4  
 Divide it by 2  
 Multiply it by 4  
 Multiply it by 2

Find a quarter by dividing the number into 4 equal parts

5. Two quarters is the same as...

- $\frac{1}{4}$   
  $\frac{1}{2}$   
  $\frac{1}{8}$   
  $\frac{1}{5}$

If you put two quarters together, they make a half

6. What is a quarter of 12?

- 6  
 4  
 3  
 48

12 divided into 4 equal parts is 3

7. What is  $\frac{1}{2}$  of 12?

- 10  
 24  
 4  
 6

$6 + 6 = 12$  so  $\frac{1}{2}$  of 12 is 6

8. What is half of 8?

- 4  
 2  
 16  
 8

$4 + 4 = 8$  so half of 8 is 4

9. What is 20 halved?

- 8  
 12  
 2  
 10

Halving a number is the same as dividing it by 2

10. To find half of a number, you should divide it by...

- 1  
 4  
 2  
 8

Both halves must be equal and identical