

KS1 Maths Quiz - Year 2 Calculation - Multiplication and Division By 2 (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 multiplication and division by 2.

Counting in 2s is the earliest multiplication skill taught which also helps children when dividing. It is usually practised regularly, in order for the skill to be fluent, and children are also taught to recognise that multiples of two are even. Once the 2 times table is familiar, children will learn how to use the multiplication facts to solve division questions. For example, if they know that $2 \times 6 = 12$, then they may also recognise that $12 \div 6 = 2$ or $12 \div 2 = 6$

1. Doubling is the same as...

- dividing by 2
- halving
- adding the number to itself
- subtracting over and over

2. Is 45 in the 2 times table?

- No, because it is an odd number
- Yes, because it is an even number
- Yes, because it has a 4 at the beginning
- No, because it is too big

3. I put 20 children into pairs. How many pairs can I make?

- 2, because $20 \div 10 = 2$
- 5, because $20 \div 10 = 5$
- 20, because $20 \div 2 = 20$
- 10, because $20 \div 2 = 10$

4. I know that $2 \times 15 = 30$. What else do I know?

- $30 \times 2 = 15$
- $2 \times 15 = 20$
- $30 \times 15 = 2$
- $30 \div 15 = 2$

5. What is half of 60?

- 2
- 20
- 3
- 30

6. Which is the odd fact out?

- $6 \times 2 = 12$
- $12 \div 6 = 2$
- $12 \times 2 = 6$
- $12 \div 2 = 6$

7. Cars have 2 headlights. How many headlights will 5 cars have?

- 10
- 25
- 50
- 12

8. What is the next number in this sequence: 2, 4, 6, 8, 10, ?

- 14
- 11
- 12
- 20

9. How many 2s are there in 28?

- 16
- 14
- 10
- 8

10. What is 20×2 ?

- 22
- 40
- 10
- 12

KS1 Maths Quiz - Year 2 Calculation - Multiplication and Division By 2 (Answers)

1. Doubling is the same as...

- dividing by 2
- halving
- adding the number to itself
- subtracting over and over

To double 10, you would add 10 to itself: $10 + 10 = 20$

2. Is 45 in the 2 times table?

- No, because it is an odd number
- Yes, because it is an even number
- Yes, because it has a 4 at the beginning
- No, because it is too big

Multiples of 2 end with 2, 4, 6, 8 or 0

3. I put 20 children into pairs. How many pairs can I make?

- 2, because $20 \div 10 = 2$
- 5, because $20 \div 10 = 5$
- 20, because $20 \div 2 = 20$
- 10, because $20 \div 2 = 10$

We also know that $10 \times 2 = 20$

4. I know that $2 \times 15 = 30$. What else do I know?

- $30 \times 2 = 15$
- $2 \times 15 = 20$
- $30 \times 15 = 2$
- $30 \div 15 = 2$

If 2 groups of 15 makes 30, then 30 divided into 15 groups will mean 2 in each group

5. What is half of 60?

- 2
- 20
- 3
- 30

Finding half is the same as dividing by 2. Knowing $6 \div 2 = 3$ helps with $60 \div 2 = 30$

6. Which is the odd fact out?

- $6 \times 2 = 12$
- $12 \div 6 = 2$
- $12 \times 2 = 6$
- $12 \div 2 = 6$

$12 \times 2 = 24$ not 6!

7. Cars have 2 headlights. How many headlights will 5 cars have?

- 10
- 25
- 50
- 12

$5 \times 2 = 10$

8. What is the next number in this sequence: 2, 4, 6, 8, 10, ?

- 14
- 11
- 12
- 20

The numbers are going up in twos

9. How many 2s are there in 28?

- 16
- 14
- 10
- 8

Counting up in 2s until you reach 28 is helpful, as is halving 20 and halving 8

10. What is 20×2 ?

- 22
- 40
- 10
- 12

Multiplying by 2 is the same as doubling a number