

maths quiz for class 4 with answers

Maths quiz for class 4 with answers is a fantastic way to engage young learners and to assess their understanding of various mathematical concepts. The curriculum for fourth graders typically includes topics like addition, subtraction, multiplication, division, fractions, and basic geometry. This quiz will not only test their knowledge but also help them practice and reinforce their skills. Below, we will present a series of questions along with their answers, categorized by topics, to make it easier for teachers and parents to use in a classroom or at home.

1. Arithmetic Operations

1.1 Addition and Subtraction

1. What is $245 + 678$?
2. Subtract 542 from 800.
3. Add 389 to 412.
4. What is $1,000 - 275$?

Answers:

1. 923
2. 258
3. 801
4. 725

1.2 Multiplication and Division

1. What is 12×9 ?
2. Divide 144 by 12.
3. Multiply 15 by 6.
4. What is 72 divided by 8?

Answers:

1. 108
2. 12
3. 90
4. 9

2. Fractions

2.1 Identifying Fractions

1. What fraction of a pizza is left if 3 out of 8 slices are eaten?
2. Write the fraction for 5 parts out of 12.
3. If a cake is divided into 10 equal pieces and 4 pieces are eaten, what fraction of the cake is left?

Answers:

1. $\frac{5}{8}$
2. $\frac{5}{12}$
3. $\frac{6}{10}$ or $\frac{3}{5}$ (when simplified)

2.2 Adding and Subtracting Fractions

1. What is $\frac{1}{4} + \frac{3}{4}$?
2. Subtract $\frac{2}{5}$ from $\frac{4}{5}$.
3. If you have $\frac{1}{3}$ of a chocolate bar and you eat $\frac{1}{6}$ of it, how much do you have left?

Answers:

1. 1
2. $\frac{2}{5}$
3. $\frac{1}{6}$ (since $\frac{1}{3} - \frac{1}{6} = \frac{1}{6}$)

3. Geometry

3.1 Identifying Shapes

1. What shape has four equal sides and four right angles?
2. How many sides does a hexagon have?
3. Name a shape that has no corners.

Answers:

1. Square
2. 6 sides
3. Circle

3.2 Perimeter and Area

1. What is the perimeter of a rectangle with length 10 cm and width 5 cm?
2. Calculate the area of a square with a side length of 4 cm.
3. If a triangle has a base of 6 cm and a height of 4 cm, what is its area?

Answers:

1. Perimeter = $2(\text{length} + \text{width}) = 2(10 + 5) = 30 \text{ cm}$
2. Area = side x side = $4 \times 4 = 16 \text{ cm}^2$
3. Area = $\frac{1}{2} \times \text{base} \times \text{height} = \frac{1}{2} \times 6 \times 4 = 12 \text{ cm}^2$

4. Measurement

4.1 Units of Measurement

1. How many centimeters are in a meter?
2. If a pencil is 15 cm long, how long is it in meters?
3. Convert 5 liters to milliliters.

Answers:

1. 100 centimeters
2. 0.15 meters
3. 5,000 milliliters

4.2 Time

1. How many minutes are there in 3 hours?
2. If a train leaves at 2:00 PM and arrives at 3:30 PM, how long is the journey?
3. What time will it be in 45 minutes if it is currently 1:15 PM?

Answers:

1. 180 minutes
2. 1 hour and 30 minutes
3. 2:00 PM

5. Word Problems

5.1 Simple Word Problems

1. Maria has 24 apples. She gives 7 to her friend. How many apples does she have left?
2. There are 30 students in a class. If 12 are boys, how many are girls?
3. A book costs \$15. If you buy 3 books, how much will you spend?

Answers:

1. 17 apples
2. 18 girls
3. \$45

5.2 Multi-step Word Problems

1. Tom has 50 marbles. He buys 25 more and then gives 15 to his friend. How many marbles does he have now?
2. A farmer has 100 chickens. 40 are hens, and the rest are roosters. How many roosters does he have?
3. If you read 10 pages of a book every day, how many pages will you read in 2 weeks?

Answers:

1. 60 marbles
2. 60 roosters
3. 140 pages

6. Fun with Numbers

6.1 Number Patterns

1. What is the next number in the sequence: 2, 4, 6, 8, __?
2. Fill in the blank: 10, 20, __, 40, 50.
3. What is the missing number: 5, 10, __, 20?

Answers:

1. 10
2. 30
3. 15

6.2 Odd and Even Numbers

1. Is 37 an odd or even number?
2. List the first five even numbers.
3. How many odd numbers are there between 1 and 20?

Answers:

1. Odd
2. 2, 4, 6, 8, 10
3. 10 odd numbers (1, 3, 5, 7, 9, 11, 13, 15, 17, 19)

Conclusion

The maths quiz for class 4 with answers provides a comprehensive way for teachers and parents to evaluate students' understanding of essential mathematical concepts. It covers arithmetic operations, fractions, geometry, measurement, word problems, and fun with

numbers, which are crucial for developing a solid foundation in mathematics. Regular practice with quizzes like these can enhance problem-solving skills, boost confidence in math, and make learning enjoyable. Encourage students to tackle these questions and explore the world of numbers with enthusiasm!

Frequently Asked Questions

What is $15 + 27$?

42

What is the value of 8×7 ?

56

If you have 12 apples and give away 5, how many apples do you have left?

7

What is 45 divided by 5?

9

What is the perimeter of a rectangle with length 10 cm and width 4 cm?

28 cm

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

10

What is $100 - 37$?

63

What is the area of a square with side length 5 cm?

25 cm²

If a triangle has sides of length 3 cm, 4 cm, and 5 cm, what type of triangle is it?

Right triangle

How many sides does a hexagon have?

6

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