2cool4school - Grade 2 Mathematics Worksheet

Q1 - Mathematics - Algebra Patterns and Relationships

Identify the next shape in the pattern: circle, square, circle, square, ____.

1. circle
2. triangle
3. square
4. rectangle

Q2 - Mathematics - Algebra Patterns and Relationships

What comes next in the number pattern: 2, 4, 6, 8, ____?

1. 9
2. 10
3. 11
4. 12

Q3 - Mathematics - Algebra Patterns and Relationships

Determine the missing number: 5, 10, ____, 20.

1. 12
2. 15
3. 18
4. 25

Q4 - Mathematics - Algebra Patterns and Relationships

Identify the pattern rule: 3, 6, 9, 12, ____.

1. Add 2
2. Add 3
3. Add 4
4. Add 5

Q5 - Mathematics - Algebra Patterns and Relationships

Complete the pattern: red, blue, red, blue, ____.

1. red
2. green
3. blue
4. yellow

2cool4school - Grade 2 Mathematics Worksheet

Q6 - Mathematics - Algebra Patterns and Relationships

What is the next number in the pattern: 10, 20, 30, ____?

1. 35
2. 40
3. 45
4. 50

Q7 - Mathematics - Algebra Patterns and Relationships

Find the missing shape: triangle, square, triangle, ____, triangle.

1. circle
2. square
3. rectangle
4. hexagon

Q8 - Mathematics - Algebra Patterns and Relationships

What comes next in the pattern: A, B, A, B, A, ____?

1. A
2. B
3. C
4. D

Q9 - Mathematics - Algebra Patterns and Relationships

Determine the next number: 1, 3, 5, 7, ____?

1. 8
2. 9
3. 10
4. 11

Q10 - Mathematics - Algebra Patterns and Relationships

Complete the pattern: star, heart, star, heart, ____?

1. star
2. circle
3. heart
4. square

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Q11 - Mathematics - Algebra Patterns and Relationships

What is the next number: 4, 8, 12, ____?

1. 14
2. 16
3. 18
4. 20

Q12 - Mathematics - Algebra Patterns and Relationships

Find the missing letter: X, Y, X, Y, ____?

1. X
2. Y
3. Z
4. A

Q13 - Mathematics - Algebra Patterns and Relationships

Determine the next color: red, yellow, red, yellow, ____?

1. blue
2. red
3. yellow
4. green

Q14 - Mathematics - Algebra Patterns and Relationships

What is the missing number in: 100, 90, ____, 70?

1. 85
2. 80
3. 75
4. 65

Q15 - Mathematics - Algebra Patterns and Relationships

Identify the missing symbol : ★, e, ★, e, ____?

1. ★
2. e
3. ♢
4. ♤

Q16 - Mathematics - Mathematics- Number Sense Whole Numbers

What is 10 more than 245?

1. 250
2. 255
3. 245
4. 260

Q17 - Mathematics - Mathematics- Number Sense Whole Numbers

What is the number 145 composed of in terms of hundreds, tens, and ones?

1. 1 hundred, 4 tens, 5 ones
2. 1 hundred, 5 tens, 4 ones
3. 1 hundred, 3 tens, 15 ones
4. 1 hundred, 14 tens, 5 ones

Q18 - Mathematics - Mathematics- Number Sense Whole Numbers

Which number is greater: 178 or 187?

1. 178
2. 187
3. They are equal
4. Cannot be determined

Q19 - Mathematics - Mathematics- Number Sense Whole Numbers

Count by 25s starting from 0. What is the 4th number in the sequence?

1. 50
2. 75
3. 100
4. 125

Q20 - Mathematics - Mathematics- Number Sense Whole Numbers

Estimate the number of objects in a collection if there are approximately 150 items.

1. About 100
2. About 150
3. About 200
4. About 250

Q21 - Mathematics - Mathematics- Number Sense Whole Numbers

What number comes after 199?

1. 198
2. 200
3. 201
4. 202

Q22 - Mathematics - Mathematics- Number Sense Whole Numbers

Count by 20s starting from 0. What is the 5th number in the sequence?

1. 20
2. 40
3. 60
4. 80

Q23 - Mathematics - Mathematics- Number Sense Whole Numbers

Count by 50s starting from 0. What is the 3rd number in the sequence?

1. 50
2. 100
3. 150
4. 200

Q24 - Mathematics - Mathematics- Number Sense Whole Numbers

Is the number 132 even or odd?

1. Even
2. Odd
3. Neither
4. Both

Q25 - Mathematics - Mathematics- Number Sense Whole Numbers

What is 100 less than 892?

1. 892
2. 792
3. 792
4. 992

2cool4school - Grade 2 Mathematics Worksheet

Q25 - Mathematics - Mathematics- Number Sense Whole Numbers

What is 100 less than 892?

1. 892
2. 792
3. 792
4. 992

Q26 - Mathematics - Mathematics- Number Sense Whole Numbers

What is the missing number: 5, 10, __, 20, 25?

1. 10
2. 15
3. 20
4. 30

Q27 - Mathematics - Mathematics- Number Sense Whole Numbers

Round 567 to the nearest hundred.

1. 500
2. 600
3. 400
4. 700

Q28 - Mathematics - Mathematics- Number Sense Whole Numbers

Which number is odd: 246, 357, 468, or 890?

1. 246
2. 357
3. 468
4. 890

Q29 - Mathematics - Mathematics- Number Sense Whole Numbers

Which number is even: 213, 529, 604, or 777?

1. 213
2. 529
3. 604
4. 777

Q30 - Mathematics - Mathematics- Number Sense Whole Numbers

What is the place value of the digit 7 in the number 476?

1. Ones
2. Tens
3. Hundreds
4. Thousands

Q31 - Mathematics - Algebra Mathematical Modelling

What is the value of 3 + 2?

1. 4
2. 5
3. 6
4. 7

Q32 - Mathematics - Algebra Mathematical Modelling

What is half of 8?

1. 3
2. 4
3. 5
4. 6

Q33 - Mathematics - Algebra Mathematical Modelling

If you have 5 apples and give away 2, how many do you have left?

1. 2
2. 5
3. 4
4. 3

Q34 - Mathematics - Algebra Mathematical Modelling

What is the value of 7 + 3?

1. 9
2. 10
3. 11
4. 12

Q35 - Mathematics - Algebra Mathematical Modelling

If you have 4 pairs of socks, how many socks do you have in total?

1. 6
2. 7
3. 8
4. 9

Q36 - Mathematics - Algebra Mathematical Modelling

Solve: 10 - 4 = ?

1. 5
2. 8
3. 7
4. 6

Q37 - Mathematics - Algebra Mathematical Modelling

What number comes before 10?

1. 8
2. 9
3. 10
4. 11

Q38 - Mathematics - Algebra Mathematical Modelling

If you have 3 groups of 2 candies, how many candies do you have in total?

1. 5
2. 8
3. 7
4. 6

Q39 - Mathematics - Algebra Mathematical Modelling

Solve: 5 + 5 = ?

1. 9
2. 10
3. 11
4. 12

Q40 - Mathematics - Algebra Mathematical Modelling

What is 2 + 2?

1. 3
2. 4
3. 5
4. 6

Q41 - Mathematics - Algebra Mathematical Modelling

What is the next number in the pattern: 1, 3, 5, __?

1. 6
2. 7
3. 8
4. 9

Q42 - Mathematics - Algebra Mathematical Modelling

What number comes next in the pattern: 2, 4, 6, __?

1. 7
2. 10
3. 9
4. 8

Q43 - Mathematics - Algebra Mathematical Modelling

What is 9 - 3?

1. 5
2. 6
3. 7
4. 8

Q44 - Mathematics - Algebra Mathematical Modelling

If you add 4 and 4, what do you get?

1. 7
2. 8
3. 9
4. 10

Q45 - Mathematics - Algebra Mathematical Modelling

What is the double of 6?

1. 10
2. 12
3. 14
4. 16

Q46 - Mathematics - Data Data Literacy

What is a Venn diagram used for?

1. To sort data into categories based on two attributes
2. To display data over time
3. To show parts of a whole
4. To represent data with pictures

Q47 - Mathematics - Data Data Literacy

Which diagram uses a grid to sort data according to two attributes?

1. Venn diagram
2. Bar graph
3. Carroll diagram
4. Line plot

Q48 - Mathematics - Data Data Literacy

When collecting data through observations, which tool can help you keep track of counts?

1. Tally table
2. Bar graph
3. Pictograph
4. Line plot

Q49 - Mathematics - Data Data Literacy

In a pictograph, what does each picture represent?

1. A different category of data
2. A single data point
3. A number of data points
4. A time period

Q50 - Mathematics - Data Data Literacy

What is the main purpose of a bar graph?

1. To show the relationship between two variables
2. To display data in categories using rectangular bars
3. To represent data with pictures
4. To show parts of a whole

Q51 - Mathematics - Data Data Literacy

Which type of graph uses physical objects to represent data?

1. Pictograph
2. Bar graph
3. Concrete graph
4. Line plot

Q52 - Mathematics - Data Data Literacy

What does a line plot display?

1. Data along a number line showing frequency of values
2. Data in categories using bars
3. Data using pictures
4. Data using physical objects

Q53 - Mathematics - Data Data Literacy

How do you find the mode in a data set?

1. Identify the value that appears most frequently
2. Calculate the average of all values
3. Find the middle value when data is ordered
4. Subtract the smallest value from the largest

Q54 - Mathematics - Data Data Literacy

What is the best way to organize data before making a graph?

1. Write numbers randomly
2. Sort the data into groups
3. Ignore any numbers that appear twice
4. Arrange it in order

Q55 - Mathematics - Data Data Literacy

Which type of graph is best for showing how something changes over time?

1. Bar graph
2. Pictograph
3. Line graph
4. Carroll diagram

Q56 - Mathematics - Data Data Literacy

What does a tally chart do?

1. Keeps track of counts using tally marks
2. Shows categories using bars
3. Displays data using pictures
4. Makes data harder to understand

Q57 - Mathematics - Data Data Literacy

Why do we use data in everyday life?

1. For fun
2. It helps us make decisions
3. It is not useful
4. It is only for school

Q58 - Mathematics - Data Data Literacy

How do you find the total in a bar graph?

1. Add up the heights of the bars
2. Multiply the numbers in each bar
3. Look at the tallest bar only
4. Guess the total based on appearance

Q59 - Mathematics - Data Data Literacy

What is the difference between a pictograph and a bar graph?

1. A pictograph uses pictures, a bar graph uses bars
2. They are the same
3. A bar graph uses numbers, a pictograph does not
4. A pictograph is harder to read

Q60 - Mathematics - Data Data Literacy

Which type of chart is useful for showing parts of a whole?

1. Pie chart
2. Bar graph
3. Venn diagram
4. Tally chart

Q61 - Mathematics - Spatial Sense Measurement

Which non-standard unit would be appropriate to measure the length of a pencil?

1. Paper clips
2. Books
3. Tables
4. Chairs

Q62 - Mathematics - Spatial Sense Measurement

How many days are there in a week?

1. 8
2. 5
3. 7
4. 10

Q63 - Mathematics - Spatial Sense Measurement

If a book is 3 paper clips long and a table is 12 paper clips long, how many more paper clips long is the table than the book?

1. 9
2. 6
3. 15
4. 8

Q64 - Mathematics - Spatial Sense Measurement

How many minutes are there in an hour?

1. 30
2. 60
3. 24
4. 100

Q65 - Mathematics - Spatial Sense Measurement

How many centimeters are there in a meter?

1. 100
2. 10
3. 50
4. 1000

Q66 - Mathematics - Spatial Sense Measurement

What is the best unit to measure the weight of an apple?

1. Liters
2. Kilograms
3. Grams
4. Milligrams

Q67 - Mathematics - Spatial Sense Measurement

Which is a reasonable estimate for the length of a classroom door?

1. 2 meters
2. 20 meters
3. 50 centimeters
4. 5 centimeters

Q68 - Mathematics - Spatial Sense Measurement

Which unit would you use to measure the duration of a short event, like brushing your teeth?

1. Minutes
2. Seconds
3. Hours
4. Days

Q69 - Mathematics - Spatial Sense Measurement

What time is it if the clock shows the short hand on 3 and the long hand on 12?

1. 3:00
2. 3:30
3. 2:00
4. 4:00

Q70 - Mathematics - Spatial Sense Measurement

Which tool would be best to measure the width of a book?

1. Tape measure
2. Meter stick
3. Ruler
4. String

Q71 - Mathematics - Spatial Sense Measurement

If a TV show starts at 7:00 PM and ends at 7:30 PM, how long is the show?

1. 1 hour
2. 30 minutes
3. 2 hours
4. 45 minutes

Q72 - Mathematics - Spatial Sense Measurement

Which unit would you use to measure the distance between two cities?

1. Kilometers
2. Meters
3. Centimeters
4. Millimeters

Q73 - Mathematics - Spatial Sense Measurement

How many hours are in a day?

1. 24
2. 12
3. 48
4. 36

Q74 - Mathematics - Spatial Sense Measurement

If you start measuring from the 2 cm mark instead of 0, how will your measurement be affected?

1. It will be 2 cm longer
2. It will be 2 cm shorter
3. It will be accurate
4. It will be 1 cm longer

Q75 - Mathematics - Spatial Sense Measurement

When measuring the length of a desk in centimeters, where should you start measuring on the ruler?

1. At the 10 cm mark
2. At the 1 cm mark
3. At the 0 mark
4. Anywhere

Q76 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

Which shape has 4 equal sides and 4 right angles?

1. Square
2. Rectangle
3. Triangle
4. Circle

Q77 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

How many lines of symmetry does a rectangle have?

1. 1
2. 2
3. 3
4. 4

Q78 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

What is the term for a shape that can be divided into two identical halves?

1. Symmetrical
2. Asymmetrical
3. Parallel
4. Perpendicular

Q79 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

What is a 3D shape with a circular base and a pointed top called?

1. Pyramid
2. Cylinder
3. Cone
4. Cube

Q80 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

If you cut a square diagonally, what shapes do you get?

1. Triangles
2. Rectangles
3. Circles
4. Squares

Q81 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

On a map, what does a star symbol usually represent?

1. Mountain
2. Capital City
3. River
4. Forest

Q82 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

Which shape has only one curved surface?

1. Cone
2. Cube
3. Sphere
4. Cylinder

Q83 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

Which of these shapes has no lines of symmetry?

1. Scalene Triangle
2. Equilateral Triangle
3. Square
4. Circle

Q84 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

What is a four-sided shape with opposite sides parallel called?

1. Parallelogram
2. Trapezoid
3. Rhombus
4. Square

Q85 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

Which of the following shapes has the most sides?

1. Pentagon
2. Hexagon
3. Octagon
4. Triangle

Q86 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

How many faces does a cube have?

1. 6
2. 8
3. 10
4. 12

Q87 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

What shape has three sides?

1. Circle
2. Square
3. Triangle
4. Rectangle

Q88 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

What do you call a shape that has the same size and shape as another?

1. Similar
2. Congruent
3. Identical
4. Parallel

Q89 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

Which tool can help you measure the length of a side of a shape?

1. Protractor
2. Ruler
3. Compass
4. Calculator

Q90 - Mathematics - Spatial Sense Geometric and Spatial Reasoning

If you move 3 steps north and 2 steps east, which direction did you move first?

1. West
2. East
3. North
4. South

Q91 - Mathematics - Mathematics- Operations Properties and Relationships

What is the sum of 8 and 5?

1. 12
2. 13
3. 14
4. 15

Q92 - Mathematics - Mathematics- Operations Properties and Relationships

If 7 + 3 = 10, what is 10 - 3?

1. 6
2. 7
3. 8
4. 9

Q93 - Mathematics - Mathematics- Operations Properties and Relationships

Which property of addition states that the order of numbers does not change the sum?

1. Commutative Property
2. Associative Property
3. Distributive Property
4. Identity Property

Q94 - Mathematics - Mathematics- Operations Properties and Relationships

What is 4 times 3?

1. 7
2. 10
3. 12
4. 15

Q95 - Mathematics - Mathematics- Operations Properties and Relationships

If 5 x 2 = 10, what is 10 2?

1. 2
2. 3
3. 4
4. 5

Q96 - Mathematics - Mathematics- Operations Properties and Relationships

Which property of multiplication states that the product of any number and one is that number?

1. Commutative Property
2. Associative Property
3. Identity Property
4. Zero Property

Q97 - Mathematics - Mathematics- Operations Properties and Relationships

What is the difference between 15 and 7?

1. 7
2. 8
3. 9
4. 10

Q98 - Mathematics - Mathematics- Operations Properties and Relationships

If 6 + 4 = 10, what is 10 - 6?

1. 3
2. 4
3. 5
4. 6

Q99 - Mathematics - Mathematics- Operations Properties and Relationships

Which property of addition states that the grouping of numbers does not change the sum?

1. Commutative Property
2. Associative Property
3. Distributive Property
4. Identity Property

Q100 - Mathematics - Mathematics- Operations Properties and Relationships

What is 9 divided by 3?

1. 2
2. 3
3. 4
4. 5

Q101 - Mathematics - Mathematics- Operations Properties and Relationships

What is the product of 7 and 2?

1. 12
2. 14
3. 16
4. 18

Q102 - Mathematics - Mathematics- Operations Properties and Relationships

What is the sum of 9 and 6?

1. 14
2. 15
3. 16
4. 18

Q103 - Mathematics - Mathematics- Operations Properties and Relationships

If 12 - 5 = 7, what is 7 + 5?

1. 10
2. 11
3. 12
4. 13

Q104 - Mathematics - Mathematics- Operations Properties and Relationships

Which property of multiplication states that changing the grouping does not change the product?

1. Associative Property
2. Commutative Property
3. Distributive Property
4. Zero Property

Q105 - Mathematics - Mathematics- Operations Properties and Relationships

If 4 x 5 = 20, what is 20 4?

1. 3
2. 4
3. 5
4. 6

Q106 - Mathematics - Mathematics- Operations Mental Math

What is 25 + 15?

1. 40
2. 35
3. 45
4. 50

Q107 - Mathematics - Mathematics- Operations Mental Math

Estimate the sum of 24 and 36.

1. About 70
2. About 50
3. About 60
4. About 55

Q108 - Mathematics - Mathematics- Operations Mental Math

Subtract 12 from 30. What is the result?

1. 18
2. 20
3. 22
4. 17

Q109 - Mathematics - Mathematics- Operations Mental Math

Subtract 17 from 45. What is the result?

1. 32
2. 30
3. 28
4. 26

Q110 - Mathematics - Mathematics- Operations Mental Math

Estimate the sum of 28 and 22.

1. About 50
2. About 40
3. About 60
4. About 55

Q111 - Mathematics - Mathematics- Operations Mental Math

What is 31 + 18?

1. 48
2. 50
3. 49
4. 47

Q112 - Mathematics - Mathematics- Operations Mental Math

What is 45 - 20?

1. 25
2. 35
3. 15
4. 30

Q113 - Mathematics - Mathematics- Operations Mental Math

Subtract 14 from 40. What is the result?

1. 24
2. 26
3. 16
4. 36

Q114 - Mathematics - Mathematics- Operations Mental Math

Add 19 and 21. What do you get?

1. 40
2. 35
3. 45
4. 50

Q115 - Mathematics - Mathematics- Operations Mental Math

What is 22 + 27?

1. 39
2. 49
3. 59
4. 46

Q116 - Mathematics - Mathematics- Operations Mental Math

What is 40 - 19?

1. 21
2. 22
3. 20
4. 18

Q117 - Mathematics - Mathematics- Operations Mental Math

Estimate the difference between 48 and 19.

1. About 40
2. About 20
3. About 30
4. About 25

Q118 - Mathematics - Mathematics- Operations Mental Math

Add 27 and 15.

1. 42
2. 40
3. 45
4. 50

Q119 - Mathematics - Mathematics- Operations Mental Math

What is the difference between 50 and 23?

1. 17
2. 27
3. 37
4. 33

Q120 - Mathematics - Mathematics- Operations Mental Math

Estimate the sum of 33 and 18.

1. About 40
2. About 50
3. About 60
4. About 55

Q121 - Mathematics - Mathematics- Operations Math Facts

What is 7 + 5?

1. 11
2. 12
3. 13
4. 14

Q122 - Mathematics - Mathematics- Operations Math Facts

What is 15 - 8?

1. 6
2. 7
3. 8
4. 9

Q123 - Mathematics - Mathematics- Operations Math Facts

What is 9 + 6?

1. 14
2. 15
3. 16
4. 17

Q124 - Mathematics - Mathematics- Operations Math Facts

What is 18 - 9?

1. 8
2. 9
3. 10
4. 11

Q125 - Mathematics - Mathematics- Operations Math Facts

What is 4 + 7?

1. 10
2. 11
3. 12
4. 13

Q126 - Mathematics - Mathematics- Operations Math Facts

What is 12 - 4?

1. 7
2. 8
3. 9
4. 10

Q127 - Mathematics - Mathematics- Operations Math Facts

What is 8 + 5?

1. 12
2. 13
3. 14
4. 15

Q128 - Mathematics - Mathematics- Operations Math Facts

What is 14 - 7?

1. 6
2. 7
3. 8
4. 9

Q129 - Mathematics - Mathematics- Operations Math Facts

What is 6 + 9?

1. 14
2. 15
3. 16
4. 17

Q130 - Mathematics - Mathematics- Operations Math Facts

What is 13 - 6?

1. 6
2. 7
3. 8
4. 9

Q131 - Mathematics - Mathematics- Operations Math Facts

What is 5 + 8?

1. 12
2. 13
3. 14
4. 15

Q132 - Mathematics - Mathematics- Operations Math Facts

What is 16 - 9?

1. 6
2. 7
3. 8
4. 9

Q133 - Mathematics - Mathematics- Operations Math Facts

What is 3 + 7?

1. 9
2. 10
3. 11
4. 12

Q134 - Mathematics - Mathematics- Operations Math Facts

What is 20 - 11?

1. 7
2. 8
3. 9
4. 10

Q135 - Mathematics - Mathematics- Operations Math Facts

What is 10 + 5?

1. 13
2. 14
3. 15
4. 16

Q136 - Mathematics - Financial Literacy Money and Finances US

Which coin is worth 5 cents?

1. Penny
2. Nickel
3. Dime
4. Quarter

Q137 - Mathematics - Financial Literacy Money and Finances US

How many pennies make a dollar?

1. 50
2. 100
3. 10
4. 25

Q138 - Mathematics - Financial Literacy Money and Finances US

What is the value of a quarter?

1. 10 cents
2. 25 cents
3. 50 cents
4. 1 dollar

Q139 - Mathematics - Financial Literacy Money and Finances US

If you have 2 dimes and 1 nickel, how much money do you have?

1. 15 cents
2. 20 cents
3. 25 cents
4. 30 cents

Q140 - Mathematics - Financial Literacy Money and Finances US

Which coin has the smallest value?

1. Penny
2. Nickel
3. Dime
4. Quarter

Q141 - Mathematics - Financial Literacy Money and Finances US

How many quarters make a dollar?

1. 2
2. 3
3. 4
4. 5

Q142 - Mathematics - Financial Literacy Money and Finances US

What is the value of a dime?

1. 5 cents
2. 10 cents
3. 15 cents
4. 20 cents

Q143 - Mathematics - Financial Literacy Money and Finances US

If you have 3 quarters, how much money do you have?

1. 50 cents
2. 75 cents
3. 1 dollar
4. 1 dollar and 25 cents

Q144 - Mathematics - Financial Literacy Money and Finances US

Which coin is larger in size: a dime or a nickel?

1. Dime
2. Nickel
3. Both
4. Neither

Q145 - Mathematics - Financial Literacy Money and Finances US

If you have a dollar bill, how many dimes do you need to make another dollar?

1. 10
2. 5
3. 20
4. 15

Q146 - Mathematics - Financial Literacy Money and Finances US

What is the total value of 4 nickels?

1. 10 cents
2. 15 cents
3. 20 cents
4. 25 cents

Q147 - Mathematics - Financial Literacy Money and Finances US

Which coin has the highest value?

1. Nickel
2. Dime
3. Quarter
4. Dollar

Q148 - Mathematics - Financial Literacy Money and Finances US

How much is three dimes and one nickel?

1. 20 cents
2. 25 cents
3. 30 cents
4. 35 cents

Q149 - Mathematics - Financial Literacy Money and Finances US

How many nickels make 50 cents?

1. 5
2. 10
3. 20
4. 25

Q150 - Mathematics - Financial Literacy Money and Finances US

If you have 2 quarters and 3 dimes, how much do you have?

1. 50 cents
2. 55 cents
3. 60 cents
4. 70 cents

Q151 - Mathematics - Data Probability

If you roll a standard six-sided die, what is the probability of rolling a number greater than 6?

1. Impossible
2. Possible
3. Certain
4. Unlikely

Q152 - Mathematics - Data Probability

If you pick a card from a standard deck, what is the probability of drawing a red card?

1. Impossible
2. Possible
3. Certain
4. Unlikely

Q153 - Mathematics - Data Probability

If you flip a coin, what is the probability it will land on heads?

1. Impossible
2. Possible
3. Certain
4. Unlikely

Q154 - Mathematics - Data Probability

If you spin a spinner with 8 equal sections numbered 1 to 8, what is the probability of landing on an odd number?

1. Impossible
2. Certain
3. 1/2
4. 1/4

Q155 - Mathematics - Data Probability

If you roll a standard six-sided die, what is the probability of rolling a number less than 7?

1. Impossible
2. Possible
3. Certain
4. Unlikely

Q156 - Mathematics - Data Probability

If you pick a marble from a bag containing 3 red marbles and 2 blue marbles, what is the probability of picking a green marble?

1. Impossible
2. Possible
3. Certain
4. Unlikely

Q157 - Mathematics - Data Probability

If you roll a six-sided die, what is the probability of rolling a number greater than 2?

1. Impossible
2. Certain
3. 2/3
4. 1/3

Q158 - Mathematics - Data Probability

If you spin a spinner divided into 4 equal sections numbered 1 to 4, what is the probability of landing on 5?

1. Impossible
2. Possible
3. Certain
4. Unlikely

Q159 - Mathematics - Data Probability

If you pick a number randomly from 1 to 10, what is the probability of picking an even number?

1. Impossible
2. Certain
3. 1/2
4. 1/4

Q160 - Mathematics - Data Probability

If you have a bag with 5 red balls and 5 blue balls, what is the probability of picking a red ball?

1. Impossible
2. Possible
3. Certain
4. Unlikely

Q161 - Mathematics - Data Probability

If you roll two standard six-sided dice, what is the probability that the sum will be 12?

1. Impossible
2. Possible
3. Certain
4. Unlikely

Q162 - Mathematics - Data Probability

If you choose a day of the week at random, what is the probability it will be a weekend day?

1. 1/7
2. 3/7
3. 2/7
4. 4/7

Q163 - Mathematics - Data Probability

If you choose a letter randomly from the word 'BANANA', what is the probability of picking the letter 'A'?

1. 1/3
2. 1/2
3. 1/4
4. 1/6

Q164 - Mathematics - Data Probability

If you pick a ball randomly from a box containing 2 red, 3 green, and 5 blue balls, what is the probability of picking a blue ball?

1. 1/5
2. 1/2
3. 3/10
4. 1/3

Q165 - Mathematics - Data Probability

If you pick a letter randomly from the word 'APPLE', what is the probability of picking the letter 'P'?

1. Impossible
2. Certain
3. Possible
4. Unlikely

Q166 - Mathematics - Mathematics- Number Sense Fractions

If you share 8 apples equally among 4 friends, how many apples does each friend get?

1. 2
2. 4
3. 6
4. 8

Q167 - Mathematics - Mathematics- Number Sense Fractions

A baker cuts 12 pieces of cake to share equally among 3 people. How many pieces does each person get?

1. 6
2. 3
3. 5
4. 4

Q168 - Mathematics - Mathematics- Number Sense Fractions

You have 18 balloons to give to 6 friends equally. How many balloons does each friend receive?

1. 5
2. 4
3. 3
4. 2

Q169 - Mathematics - Mathematics- Number Sense Fractions

You have 9 cookies to share equally among 3 friends. How many cookies does each friend receive?

1. 3
2. 2
3. 4
4. 1

Q170 - Mathematics - Mathematics- Number Sense Fractions

A teacher divides 30 crayons among 6 students. How many crayons does each student receive?

1. 3
2. 6
3. 4
4. 5

Q171 - Mathematics - Mathematics- Number Sense Fractions

If you divide 7 chocolate bars equally among 3 friends, how many chocolate bars does each friend get?

1. 2
2. 2 1/3
3. 2 1/2
4. 2 2/3

Q172 - Mathematics - Mathematics- Number Sense Fractions

If you have 16 cupcakes and share them equally with 4 friends, how many cupcakes does each friend get?

1. 3
2. 5
3. 6
4. 4

Q173 - Mathematics - Mathematics- Number Sense Fractions

If you divide 6 oranges equally among 2 friends, how many oranges does each friend get?

1. 3
2. 2
3. 4
4. 1

Q174 - Mathematics - Mathematics- Number Sense Fractions

You have 10 candies to share equally among 5 friends. How many candies does each friend get?

1. 2
2. 3
3. 4
4. 5

Q175 - Mathematics - Mathematics- Number Sense Fractions

If you share 12 grapes equally among 6 friends, how many grapes does each friend receive?

1. 3
2. 2
3. 4
4. 6

Q176 - Mathematics - Mathematics- Number Sense Fractions

You have 5 pizzas to share equally among 2 friends. How many pizzas does each friend get?

1. 2
2. 2.5
3. 3
4. 1.5

Q177 - Mathematics - Mathematics- Number Sense Fractions

You have 4 sandwiches and share them equally with 2 friends. How many sandwiches does each get?

1. 3
2. 2.5
3. 2
4. 4

Q178 - Mathematics - Mathematics- Number Sense Fractions

You have 24 blocks to share equally among 8 kids. How many blocks does each child get?

1. 6
2. 2
3. 4
4. 3

Q179 - Mathematics - Mathematics- Number Sense Fractions

You need to share 15 pencils among 5 students equally. How many pencils does each student get?

1. 5
2. 4
3. 3
4. 6

Q180 - Mathematics - Mathematics- Number Sense Fractions

Divide 20 marbles among 4 kids. How many marbles does each child get?

1. 3
2. 4
3. 5
4. 6

Q181 - Mathematics - Algebra Equations and Inequalities

What does the symbol 'x' represent in the equation 5 + x = 9?

1. A variable
2. A constant
3. An operator
4. A coefficient

Q182 - Mathematics - Algebra Equations and Inequalities

In the equation 7 = y - 3, what does 'y' represent?

1. A variable
2. A constant
3. An operator
4. A coefficient

Q183 - Mathematics - Algebra Equations and Inequalities

Which symbol is commonly used to represent a variable in equations?

1. A shape
2. A number
3. A letter
4. A color

Q184 - Mathematics - Algebra Equations and Inequalities

What needs to be added to 5 to make it equal to 8?

1. 3
2. 2
3. 4
4. 5

Q185 - Mathematics - Algebra Equations and Inequalities

What needs to be subtracted from 10 to make it equal to 6?

1. 6
2. 3
3. 5
4. 4

Q186 - Mathematics - Algebra Equations and Inequalities

If 7 + x = 10, what is the value of x?

1. 3
2. 2
3. 4
4. 5

Q187 - Mathematics - Algebra Equations and Inequalities

In the equation x - 4 = 5, what is the value of x?

1. 9
2. 8
3. 10
4. 11

Q188 - Mathematics - Algebra Equations and Inequalities

Which of the following is an inequality symbol?

1. 0
2. >
3. +
4. -

Q189 - Mathematics - Algebra Equations and Inequalities

Solve: 3 + y = 7. What is y?

1. 4
2. 3
3. 5
4. 6

Q190 - Mathematics - Algebra Equations and Inequalities

Solve: 12 - x = 5. What is x?

1. 7
2. 6
3. 8
4. 9

Q191 - Mathematics - Algebra Equations and Inequalities

Which of the following equations is true?

1. 5 + 5 = 10
2. 5 + 4 = 9
3. 6 + 3 = 8
4. 4 + 4 = 9

Q192 - Mathematics - Algebra Equations and Inequalities

What is the value of x in the equation 4x = 16?

1. 6
2. 3
3. 5
4. 4

Q193 - Mathematics - Algebra Equations and Inequalities

What is the correct inequality for '9 is greater than 5'?

1. 9 > 5
2. 9 < 5
3. 5 > 9
4. 5 < 9

Q194 - Mathematics - Algebra Equations and Inequalities

What is the missing number? 2 + __ = 10

1. 6
2. 7
3. 8
4. 5

Q195 - Mathematics - Algebra Equations and Inequalities

Which equation correctly represents 'the sum of a number and 3 is 8'?

1. x + 3 = 8
2. x - 3 = 8
3. 3 + x = 8
4. 8 - x = 3

Q196 - Mathematics - Mathematics- Operations Multiplication and Division

If you have 3 groups with 4 apples in each group, how many apples do you have in total?

1. 7
2. 12
3. 15
4. 9

Q197 - Mathematics - Mathematics- Operations Multiplication and Division

What is 5 times 2?

1. 10
2. 7
3. 12
4. 9

Q198 - Mathematics - Mathematics- Operations Multiplication and Division

Divide 8 cookies equally among 4 friends. How many cookies does each friend get?

1. 1
2. 2
3. 3
4. 4

Q199 - Mathematics - Mathematics- Operations Multiplication and Division

What is 6 divided by 2?

1. 2
2. 3
3. 4
4. 5

Q200 - Mathematics - Mathematics- Operations Multiplication and Division

If you have 2 groups of 5 oranges, how many oranges do you have?

1. 7
2. 10
3. 12
4. 15

Q201 - Mathematics - Mathematics- Operations Multiplication and Division

What is 4 times 3?

1. 12
2. 9
3. 7
4. 10

Q202 - Mathematics - Mathematics- Operations Multiplication and Division

Divide 9 candies equally among 3 children. How many candies does each child get?

1. 2
2. 3
3. 4
4. 5

Q203 - Mathematics - Mathematics- Operations Multiplication and Division

What is 7 divided by 1?

1. 7
2. 6
3. 5
4. 8

Q204 - Mathematics - Mathematics- Operations Multiplication and Division

If you have 4 groups of 2 pencils, how many pencils do you have in total?

1. 6
2. 8
3. 10
4. 12

Q205 - Mathematics - Mathematics- Operations Multiplication and Division

What is 3 times 3?

1. 6
2. 9
3. 12
4. 15

Q206 - Mathematics - Mathematics- Operations Multiplication and Division

Divide 8 cookies equally among 4 friends. How many cookies does each friend get?

1. 1
2. 2
3. 3
4. 4

Q207 - Mathematics - Mathematics- Operations Multiplication and Division

If you have 4 groups of 2 pencils, how many pencils do you have in total?

1. 6
2. 8
3. 10
4. 12

Q208 - Mathematics - Mathematics- Operations Multiplication and Division

What is 6 divided by 2?

1. 2
2. 3
3. 4
4. 5

Q209 - Mathematics - Mathematics- Operations Multiplication and Division

What is 5 times 2?

1. 10
2. 7
3. 12
4. 9

Q210 - Mathematics - Mathematics- Operations Multiplication and Division

If you have 4 groups of 2 pencils, how many pencils do you have in total?

1. 6
2. 8
3. 10
4. 12

Q211 - Mathematics - Algebra Coding

What will be the output of the following code? print(2 + 3)

1. 6
2. 5
3. 7
4. 8

Q212 - Mathematics - Algebra Coding

In the code `x = 4`, what value is assigned to `x`?

1. 4
2. 5
3. 6
4. 7

Q213 - Mathematics - Algebra Coding

What does the following code do? print("Hello, World!")

1. Prints Hello, World!
2. Prints Goodbye, World!
3. Prints Hello!
4. Does nothing

Q214 - Mathematics - Algebra Coding

If `y = 10`, what is the value of `y + 5`?

1. 20
2. 10
3. 5
4. 15

Q215 - Mathematics - Algebra Coding

What will be the output of the following code? print(7 - 2)

1. 5
2. 6
3. 4
4. 3

Q216 - Mathematics - Algebra Coding

In the code `z = 3 * 2`, what is the value of `z`?

1. 3
2. 5
3. 6
4. 2

Q217 - Mathematics - Algebra Coding

What does the following code do? print(4 / 2)

1. Prints 2.0
2. Prints 2
3. Prints 4
4. Prints 8

Q218 - Mathematics - Algebra Coding

If `a = 5` and `b = 3`, what is the value of `a + b`?

1. 3
2. 7
3. 5
4. 8

Q219 - Mathematics - Algebra Coding

What will be the output of the following code? print(9 // 2)

1. 4
2. 4.5
3. 5
4. 5.0

Q220 - Mathematics - Algebra Coding

Which symbol is used for multiplication in coding?

1. *
2. +
3. -
4. /

Q221 - Mathematics - Algebra Coding

What will `print(2 ** 3)` output?

1. 6
2. 8
3. 9
4. 10

Q222 - Mathematics - Algebra Coding

If `num = 10` and `num = num + 5`, what is the new value of `num`?

1. 5
2. 10
3. 15
4. 20

Q223 - Mathematics - Algebra Coding

What is the output of `print(10 % 3)`?

1. 3
2. 2
3. 1
4. 0

Q224 - Mathematics - Algebra Coding

Which of the following is a correct variable name?

1. var-name
2. 2var
3. my_var
4. var!

Q225 - Mathematics - Algebra Coding

What does the following code do? print("Hello, World!")

1. Prints Hello!
2. Prints Goodbye, World!
3. Prints Hello, World!
4. Does nothing

Q226 - Mathematics - Mathematics- Operations Addition and Subtraction

What is 45 + 32?

1. 77
2. 67
3. 75
4. 73

Q227 - Mathematics - Mathematics- Operations Addition and Subtraction

Subtract 28 from 64.

1. 42
2. 36
3. 38
4. 34

Q228 - Mathematics - Mathematics- Operations Addition and Subtraction

What is the sum of 27 and 19?

1. 46
2. 36
3. 44
4. 48

Q229 - Mathematics - Mathematics- Operations Addition and Subtraction

If you have 50 apples and give away 23, how many do you have left?

1. 27
2. 37
3. 33
4. 29

Q230 - Mathematics - Mathematics- Operations Addition and Subtraction

Add 14 and 29.

1. 33
2. 43
3. 41
4. 45

Q231 - Mathematics - Mathematics- Operations Addition and Subtraction

What is 85 minus 47?

1. 38
2. 42
3. 32
4. 40

Q232 - Mathematics - Mathematics- Operations Addition and Subtraction

If you start with 60 candies and eat 15, how many are left?

1. 45
2. 55
3. 50
4. 40

Q233 - Mathematics - Mathematics- Operations Addition and Subtraction

What is the result of 33 + 18?

1. 51
2. 41
3. 49
4. 47

Q234 - Mathematics - Mathematics- Operations Addition and Subtraction

Subtract 20 from 75.

1. 55
2. 65
3. 60
4. 66

Q235 - Mathematics - Mathematics- Operations Addition and Subtraction

What is 56 + 17?

1. 63
2. 73
3. 74
4. 72

Q236 - Mathematics - Mathematics- Operations Addition and Subtraction

If you have 90 marbles and lose 45, how many do you have left?

1. 45
2. 55
3. 40
4. 48

Q237 - Mathematics - Mathematics- Operations Addition and Subtraction

What is 100 - 58?

1. 58
2. 52
3. 50
4. 42

Q238 - Mathematics - Mathematics- Operations Addition and Subtraction

Add 36 and 22.

1. 54
2. 48
3. 58
4. 60

Q239 - Mathematics - Mathematics- Operations Addition and Subtraction

Subtract 12 from 48.

1. 36
2. 38
3. 40
4. 42

Q240 - Mathematics - Mathematics- Operations Addition and Subtraction

If you have 81 pencils and give away 40, how many remain?

1. 41
2. 51
3. 47
4. 39

Answer Key

Q1: circle
Q2: 10
Q3: 15
Q4: Add 3
Q5: blue
Q6: 40
Q7: square
Q8: B
Q9: 9
Q10: heart
Q11: 16
Q12: X
Q13: yellow
Q14: 80
Q15:
Q16: 255
Q17: 1 hundred, 4 tens, 5 ones
Q18: 187
Q19: 100
Q20: About 150
Q21: 200
Q22: 60
Q23: 100
Q24: Even
Q25: 792
Q26: 20
Q27: 600
Q28: 357
Q29: 604
Q30: Tens
Q31: 5
Q32: 4
Q33: 3

Q34: 10
Q35: 8
Q36: 6
Q37: 9
Q38: 6
Q39: 10
Q40: 4
Q41: 8
Q42: 8
Q43: 6
Q44: 9
Q45: 14
Q46: To sort data into categories based on two attributes
Q47: Carroll diagram
Q48: Tally table
Q49: A number of data points
Q50: To display data in categories using rectangular bars
Q51: Concrete graph
Q52: Data along a number line showing frequency of values
Q53: Identify the value that appears most frequently
Q54: Sort the data into groups
Q55: Line graph
Q56: Keeps track of counts using tally marks
Q57: It helps us make decisions
Q58: Look at the tallest bar only
Q59: A pictograph uses pictures, a bar graph uses bars
Q60: Pie chart
Q61: Paper clips
Q62: 7
Q63: 9
Q64: 60
Q65: 100
Q66: Grams
Q67: 2 meters
Q68: Seconds

Q69: 3:00
Q70: Ruler
Q71: 30 minutes
Q72: Kilometers
Q73: 24
Q74: It will be 2 cm shorter
Q75: At the 0 mark
Q76: Square
Q77: 2
Q78: Symmetrical
Q79: Cone
Q80: Triangles
Q81: Capital City
Q82: Sphere
Q83: Scalene Triangle
Q84: Parallelogram
Q85: Octagon
Q86: 6
Q87: Triangle
Q88: Congruent
Q89: Ruler
Q90: North
Q91: 15
Q92: 7
Q93: Commutative Property
Q94: 12
Q95: 5
Q96: Identity Property
Q97: 8
Q98: 4
Q99: Associative Property
Q100: 3
Q101: 16
Q102: 16
Q103: 12

Q104: Commutative Property
Q105: 5
Q106: 40
Q107: About 60
Q108: 18
Q109: 28
Q110: About 50
Q111: 49
Q112: 25
Q113: 26
Q114: 40
Q115: 49
Q116: 21
Q117: About 30
Q118: 42
Q119: 27
Q120: About 50
Q121: 12
Q122: 7
Q123: 15
Q124: 9
Q125: 11
Q126: 8
Q127: 13
Q128: 7
Q129: 15
Q130: 7
Q131: 13
Q132: 7
Q133: 10
Q134: 8
Q135: 14
Q136: Nickel
Q137: 100
Q138: 25 cents

Q139: 25 cents
Q140: Penny
Q141: 4
Q142: 10 cents
Q143: 75 cents
Q144: Nickel
Q145: 5
Q146: 20 cents
Q147: Dollar
Q148: 30 cents
Q149: 10
Q150: 55 cents
Q151: Impossible
Q152: Possible
Q153: Possible
Q154: 1/2
Q155: Certain
Q156: Impossible
Q157: 2/3
Q158: Impossible
Q159: 1/2
Q160: Possible
Q161: Possible
Q162: 2/7
Q163: 1/2
Q164: 1/2
Q165: Possible
Q166: 2
Q167: 4
Q168: 3
Q169: 3
Q170: 5
Q171: 2 1/3
Q172: 4
Q173: 3

Q174: 2
Q175: 2
Q176: 2.5
Q177: 2
Q178: 3
Q179: 3
Q180: 5
Q181: A variable
Q182: A variable
Q183: A letter
Q184: 3
Q185: 4
Q186: 3
Q187: 9
Q188: >
Q189: 4
Q190: 7
Q191: 5 + 5 = 10
Q192: 4
Q193: 9 > 5
Q194: 8
Q195: x + 3 = 8
Q196: 12
Q197: 10
Q198: 2
Q199: 3
Q200: 10
Q201: 12
Q202: 3
Q203: 7
Q204: 8
Q205: 9
Q206: 2
Q207: 8
Q208: 3

Q209: 10

Q210: 8

Q211: 5

Q212: 4

Q213: Prints Hello, World!

Q214: 15

Q215: 5

Q216: 6

Q217: Prints 2.0

Q218: 8

Q219: 4

Q220: *

Q221: 8

Q222: 15

Q223: 1

Q224: my_var

Q225: Prints Hello, World!

Q226: 77

Q227: 36

Q228: 46

Q229: 27

Q230: 43

Q231: 38

Q232: 45

Q233: 51

Q234: 55

Q235: 73

Q236: 45

Q237: 42

Q238: 58

Q239: 36

Q240: 41