Q1 - Mathematics - Algebra Mathematical Modelling (Gr4)

How can mathematical models help businesses?

1. Predict sales trends
2. Choose employees
3. Pick office colors
4. Decide lunch menus

Q2 - Mathematics - Algebra Mathematical Modelling (Gr4)

Which of these is NOT an example of mathematical modeling?

1. Analyzing population growth
2. Predicting stock prices
3. Forecasting the weather
4. Guessing a number

Q3 - Mathematics - Algebra Mathematical Modelling (Gr4)

A mathematical model can help us understand...?

1. Best ice cream flavor
2. Favorite colors
3. Population growth
4. Funniest jokes

Q4 - Mathematics - Algebra Mathematical Modelling (Gr4)

Which of these is NOT an example of mathematical modeling?

1. Guessing a number
2. Predicting stock prices
3. Forecasting the weather
4. Analyzing population growth

Q5 - Mathematics - Algebra Mathematical Modelling (Gr4)

A weather forecast is an example of...?

1. An opinion
2. Guessing
3. Magic

4. Mathematical modeling

Q6 - Mathematics - Algebra Mathematical Modelling (Gr4)

Which is an example of mathematical modeling?

1. Creating a graph to predict sales
2. Counting objects in a basket
3. Reading a book
4. Coloring a picture

Q7 - Mathematics - Algebra Mathematical Modelling (Gr4)

What do we need to create a mathematical model?

1. Only shapes
2. Data and numbers
3. A calculator
4. Just guesses

Q8 - Mathematics - Algebra Mathematical Modelling (Gr4)

What do we call a math model that predicts future trends?

1. A drawing
2. A guess
3. A random choice
4. A forecast

Q9 - Mathematics - Algebra Mathematical Modelling (Gr4)

What do we need to create a mathematical model?

1. A calculator
2. Only shapes
3. Data and numbers
4. Just guesses

Q10 - Mathematics - Algebra Mathematical Modelling (Gr4)

What kind of graph is best for showing trends over time?

1. Bar graph

2. Line graph

3. Pie chart

4. Histogram

Q11 - Mathematics - Algebra Mathematical Modelling (Gr4)

What is the purpose of mathematical modeling?

1. To represent real-world situations

2. To solve simple arithmetic

3. To memorize numbers

4. To draw pictures

Q12 - Mathematics - Algebra Mathematical Modelling (Gr4)

A weather forecast is an example of...?

1. Guessing

2. Mathematical modeling

3. Magic

4. An opinion

Q13 - Mathematics - Algebra Mathematical Modelling (Gr4)

How can mathematical models help businesses?

1. Pick office colors

2. Choose employees

3. Predict sales trends

4. Decide lunch menus

Q14 - Mathematics - Algebra Mathematical Modelling (Gr4)

Which tool is commonly used in mathematical modeling?

1. Eraser

2. Scissors

3. Paintbrush

4. Graphs

Q15 - Mathematics - Algebra Mathematical Modelling (Gr4)

What kind of graph is best for showing trends over time?

1. Pie chart
2. Bar graph
3. Line graph
4. Histogram

Q16 - Mathematics - Algebra Patterns and Relationships (Gr4)

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

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

Q17 - Mathematics - Algebra Patterns and Relationships (Gr4)

What is the next number in the pattern: 2, 4, 6, 8, _____?

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

Q18 - Mathematics - Algebra Patterns and Relationships (Gr4)

What is the missing number in the pattern? 5, 10, _____, 20, 25

1. 12
2. 13
3. 15
4. 18

Q19 - Mathematics - Algebra Patterns and Relationships (Gr4)

Determine the pattern rule: 5, 10, 15, 20, _____.

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

Q20 - Mathematics - Algebra Patterns and Relationships (Gr4)

Which of the following is a growing pattern?

1. 1, 2, 3, 4
2. red, blue, red, blue
3. circle, square, circle, square
4. up, down, up, down

Q21 - Mathematics - Algebra Patterns and Relationships (Gr4)

What comes next in the pattern: 10, 20, 30, _____?

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

Q22 - Mathematics - Algebra Patterns and Relationships (Gr4)

Translate the pattern: A, B, A, B, _____.

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

Q23 - Mathematics - Algebra Patterns and Relationships (Gr4)

Identify the missing element: 3, _____, 9, 12.

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

Q24 - Mathematics - Algebra Patterns and Relationships (Gr4)

Describe the pattern: 1, 4, 9, 16, _____.

1. Add 2, then 3, then 4
2. Multiply by 2, then subtract 1
3. Square numbers
4. Prime numbers

Q25 - Mathematics - Algebra Patterns and Relationships (Gr4)

Create a pattern using the rule: start at 2, add 3 each time. What is the third number?

1. 5

2. 8

3. 11

4. 14

Q26 - Mathematics - Algebra Patterns and Relationships (Gr4)

What is the next decimal in the pattern: 0.1, 0.2, 0.3, _____?

1. 0.4

2. 0.5

3. 0.6

4. 0.7

Q27 - Mathematics - Algebra Patterns and Relationships (Gr4)

What is the missing number in this pattern? 100, 90, _____, 70, 60

1. 75

2. 80

3. 85

4. 50

Q28 - Mathematics - Algebra Patterns and Relationships (Gr4)

What is the next number in the doubling pattern: 1, 2, 4, 8, _____?

1. 10

2. 12

3. 16

4. 20

Q29 - Mathematics - Algebra Patterns and Relationships (Gr4)

Identify the missing number in this pattern: 50, 45, _____, 35, 30

1. 38

2. 40

3. 42

4. 41

Q30 - Mathematics - Algebra Patterns and Relationships (Gr4)

If a pattern follows the rule "Multiply by 3," what comes after 3, 9, 27?

1. 36
2. 54
3. 81
4. 108

Q31 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

Which of the following shapes has perpendicular sides?

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

Q32 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

How many right angles does a rectangle have?

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

Q33 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

How many pairs of parallel sides does a rectangle have?

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

Q34 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

How many lines of symmetry does a rectangle have?

1. 1

2. 2

3. 3

4. 4

Q35 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

What is the result of reflecting the point (4,2) over the y-axis?

1. (-4,2)

2. (4,-2)

3. (-4,-2)

4. (2,4)

Q36 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

What are the coordinates of a point located 3 units to the right and 2 units up from the origin on a Cartesian plane?

1. (2,3)

2. (3,2)

3. (3,3)

4. (2,2)

Q37 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

If a point moves from (2,3) to (5,3) on a Cartesian plane, which translation occurred?

1. Moved 3 units up

2. Moved 3 units down

3. Moved 3 units right

4. Moved 3 units left

Q38 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

What is the name of a 3D shape with 6 square faces?

1. Sphere

2. Cube

3. Cylinder

4. Cone

Q39 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

What is the term for a 2D shape that has four sides?

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

Q40 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

Which of the following shapes is NOT symmetrical?

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

Q41 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

Which transformation occurs when a shape is flipped over a line?

1. Rotation
2. Reflection
3. Translation
4. Enlargement

Q42 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

What is the correct name for a shape with five sides?

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

Q43 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

How many faces does a rectangular prism have?

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

Q44 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

How many lines of symmetry does a rectangle have?

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

Q45 - Mathematics - Spatial Sense Geometric and Spatial Reasoning (Gr4)

What type of angle is greater than 90 degrees but less than 180 degrees?

1. Acute Angle
2. Right Angle
3. Obtuse Angle
4. Reflex Angle

Q46 - Mathematics - Algebra Coding (Gr4)

What is the output of the following code? print(3 + 4 * 2)

1. 14
2. 11
3. 10
4. 7

Q47 - Mathematics - Algebra Coding (Gr4)

Which of the following code snippets will print numbers from 1 to 5?

1. for i in range(1, 6): print(i)
2. for i in range(1, 5): print(i)
3. for i in range(0, 5): print(i+1)
4. for i in range(0, 4): print(i+1)

Q48 - Mathematics - Algebra Coding (Gr4)

What does this code output? print(3 ** 2)

1. 8
2. 6
3. 9

4. 3

Q49 - Mathematics - Algebra Coding (Gr4)

What will be the output of this code? x = 5; y = 10; print(x * y)

1. 50
2. 15
3. 5
4. 10

Q50 - Mathematics - Algebra Coding (Gr4)

Which code will print 'Even' for even numbers and 'Odd' for odd numbers from 1 to 3?

1. for i in range(1, 4): if i // 2 == 1: print('Even') else: print('Odd')
2. for i in range(1, 4): if i % 2 == 1: print('Even') else: print('Odd')
3. for i in range(1, 4): if i // 2 == 0: print('Even') else: print('Odd')
4. for i in range(1, 4): if i % 2 == 0: print('Even') else: print('Odd')

Q51 - Mathematics - Algebra Coding (Gr4)

Which keyword is used to define a function in Python?

1. def
2. func
3. define
4. lambda

Q52 - Mathematics - Algebra Coding (Gr4)

What will be the final value of y? y = 20; y -= 5

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

Q53 - Mathematics - Algebra Coding (Gr4)

Which of the following statements correctly assigns a value to a variable?

1. x = 10

2. 10 = x

3. x == 10

4. x := 10

Q54 - Mathematics - Algebra Coding (Gr4)

Which of these loops will run exactly 5 times?

1. for i in range(5):

2. for i in range(1, 6):

3. while i < 5:

4. for i in range(0, 4):

Q55 - Mathematics - Algebra Coding (Gr4)

What will be the output of this code? print(10 // 3)

1. 3

2. 3.33

3. 4

4. 10

Q56 - Mathematics - Algebra Coding (Gr4)

What will be the output of this code? def add(a, b): return a + b; print(add(2, 3))

1. 0

2. 6

3. 23

4. 5

Q57 - Mathematics - Algebra Coding (Gr4)

How many times will 'Hello' be printed? for i in range(3): print('Hello')

1. 3

2. 2

3. 4

4. 1

Q58 - Mathematics - Algebra Coding (Gr4)

What does the following code print? print(len([2, 4, 6, 8]))

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

Q59 - Mathematics - Algebra Coding (Gr4)

What is the value of x after this code runs? x = 10; x += 5

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

Q60 - Mathematics - Algebra Coding (Gr4)

How can you create a list of numbers from 1 to 5 in Python?

1. numbers = 1, 2, 3, 4, 5
2. numbers = (1, 2, 3, 4, 5)
3. numbers = {1, 2, 3, 4, 5}
4. numbers = [1, 2, 3, 4, 5]

Q61 - Mathematics - Financial Literacy Money and Finances (Gr4)

Which of the following is a method of payment used to purchase goods and services?

1. Cash
2. Barter
3. Borrowing
4. Trading

Q62 - Mathematics - Financial Literacy Money and Finances (Gr4)

If you buy 3 items priced at $5 each, what is the total cost?

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

Q63 - Mathematics - Financial Literacy Money and Finances (Gr4)

Why should you compare prices before buying something?

1. To find the best deal and save money.

2. To spend more money.

3. To buy the first thing you see.

4. To make a quick purchase.

Q64 - Mathematics - Financial Literacy Money and Finances (Gr4)

You pay $20 for items costing $12 in total. How much change should you receive?

1. 6

2. 7

3. 8

4. 9

Q65 - Mathematics - Financial Literacy Money and Finances (Gr4)

What is the relationship between spending and saving?

1. Spending decreases the amount of money you have, while saving increases it.

2. Spending increases the amount of money you have, while saving decreases it.

3. Spending and saving have no effect on the amount of money you have.

4. Spending and saving are the same thing.

Q66 - Mathematics - Financial Literacy Money and Finances (Gr4)

Which term describes money earned from work or investments?

1. Spending

2. Saving

3. Earning

4. Donating

Q67 - Mathematics - Financial Literacy Money and Finances (Gr4)

How can you determine if an item is reasonably priced?

1. Compare its price with similar items.

2. Buy it immediately without thinking.

3. Ask a friend if they like it.

4. Check if it's the most expensive option.

Q68 - Mathematics - Financial Literacy Money and Finances (Gr4)

Which of the following is a method of saving money?

1. Spending all of it.
2. Depositing it into a savings account.
3. Giving it away immediately.
4. Keeping it under your pillow.

Q69 - Mathematics - Financial Literacy Money and Finances (Gr4)

What should you do before making a big purchase?

1. Compare prices and consider if you really need it.
2. Buy it immediately without checking.
3. Ignore the cost and spend without thinking.
4. Choose the most expensive option.

Q70 - Mathematics - Financial Literacy Money and Finances (Gr4)

What is a budget?

1. A plan for how to spend and save money.
2. A way to earn more money.
3. A list of things you want to buy.
4. An unlimited amount of money.

Q71 - Mathematics - Financial Literacy Money and Finances (Gr4)

What happens when you spend more money than you have?

1. You go into debt.
2. Your money increases.
3. You get rewarded.
4. Nothing happens.

Q72 - Mathematics - Financial Literacy Money and Finances (Gr4)

Why is it important to save money?

1. To buy anything you want at any time.
2. To prepare for future expenses and emergencies.
3. To spend more money quickly.

4. To avoid using money wisely.

Q73 - Mathematics - Financial Literacy Money and Finances (Gr4)

What is the benefit of using a bank?

1. It helps keep your money safe.
2. It allows you to spend more than you have.
3. It makes your money disappear.
4. It is the same as hiding money under your bed.

Q74 - Mathematics - Financial Literacy Money and Finances (Gr4)

If you borrow money from a bank, what do you have to do?

1. Keep the money forever.
2. Repay it with interest over time.
3. Spend it all quickly.
4. Give it to a friend.

Q75 - Mathematics - Financial Literacy Money and Finances (Gr4)

What is interest in financial terms?

1. Money you earn on savings or have to pay on a loan.
2. A type of discount.
3. A tax on goods.
4. An amount you randomly receive.

Q76 - Mathematics - Operations Math Facts

What is 7 8?

1. 54
2. 56
3. 64
4. 72

Q77 - Mathematics - Operations Math Facts

What is 9 6?

1. 54

2. 63

3. 45

4. 36

Q78 - Mathematics - Operations Math Facts

What is 8 7?

1. 56

2. 64

3. 72

4. 81

Q79 - Mathematics - Operations Math Facts

What is 10 10?

1. 100

2. 90

3. 110

4. 120

Q80 - Mathematics - Operations Math Facts

What is 6 6?

1. 30

2. 36

3. 42

4. 48

Q81 - Mathematics - Operations Math Facts

What is 8 9?

1. 72

2. 81

3. 64

4. 90

Q82 - Mathematics - Operations Math Facts

What is 5 7?

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

Q83 - Mathematics - Operations Math Facts

What is 9 9?

1. 72
2. 81
3. 90
4. 99

Q84 - Mathematics - Operations Math Facts

What is 4 8?

1. 32
2. 36
3. 40
4. 44

Q85 - Mathematics - Operations Math Facts

What is 7 6?

1. 40
2. 42
3. 44
4. 46

Q86 - Mathematics - Operations Math Facts

What is 3 9?

1. 27
2. 29
3. 30
4. 32

Q87 - Mathematics - Operations Math Facts

What is 10 5?

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

Q88 - Mathematics - Operations Math Facts

What is 2 8?

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

Q89 - Mathematics - Operations Math Facts

What is 12 3?

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

Q90 - Mathematics - Operations Math Facts

What is 49 7?

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

Q91 - Mathematics - Angles

What type of angle measures less than 90 degrees?

1. Acute angle
2. Right angle
3. Obtuse angle
4. Straight angle

Q92 - Mathematics - Angles

An angle that measures exactly 90 degrees is called a:

1. Acute angle

2. Right angle

3. Obtuse angle

4. Reflex angle

Q93 - Mathematics - Angles

Which angle measures more than 90 degrees but less than 180 degrees?

1. Acute angle

2. Right angle

3. Obtuse angle

4. Straight angle

Q94 - Mathematics - Angles

An angle that measures exactly 180 degrees is known as a:

1. Acute angle

2. Right angle

3. Obtuse angle

4. Straight angle

Q95 - Mathematics - Angles

How many degrees are in a full circle?

1. 90 degrees

2. 180 degrees

3. 270 degrees

4. 360 degrees

Q96 - Mathematics - Angles

What fraction of a circle is a 90-degree angle?

1. 2025-01-02 00:00:00

2. 2025-01-03 00:00:00

3. 2025-01-04 00:00:00

4. 2025-01-06 00:00:00

Q97 - Mathematics - Angles

If an angle measures 45 degrees, what fraction of a circle does it represent?

1. 2025-01-08 00:00:00
2. 2025-01-06 00:00:00
3. 2025-01-04 00:00:00
4. 2025-01-03 00:00:00

Q98 - Mathematics - Angles

Which tool is commonly used to measure angles?

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

Q99 - Mathematics - Angles

To draw an angle of 90 degrees, which tool would be most useful?

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

Q100 - Mathematics - Angles

What is the sum of angles in a triangle?

1. 90 degrees
2. 180 degrees
3. 270 degrees
4. 360 degrees

Q101 - Mathematics - Angles

An angle that measures more than 180 degrees but less than 360 degrees is called a:

1. Acute angle

2. Obtuse angle

3. Reflex angle

4. Straight angle

Q102 - Mathematics - Angles

How many right angles are in a square?

1. 1

2. 2

3. 3

4. 4

Q103 - Mathematics - Angles

Which of these is a right angle?

1. 45 degrees

2. 90 degrees

3. 120 degrees

4. 150 degrees

Q104 - Mathematics - Angles

A full rotation is equal to how many degrees?

1. 90 degrees

2. 180 degrees

3. 270 degrees

4. 360 degrees

Q105 - Mathematics - Angles

Which angle is the smallest?

1. Acute angle

2. Right angle

3. Obtuse angle

4. Reflex angle

Q106 - Mathematics - Spatial Sense Measurement (Gr4)

What is the relationship between grams and kilograms?

1. 1 gram = 1000 kilograms

2. 1 kilogram = 1000 grams

3. 1 gram = 100 grams

4. 1 kilogram = 100 grams

Q107 - Mathematics - Spatial Sense Measurement (Gr4)

If a triangle has three equal sides, what is it called?

1. Scalene

2. Isosceles

3. Equilateral

4. Right

Q108 - Mathematics - Spatial Sense Measurement (Gr4)

What type of angle is exactly 90 degrees?

1. Acute

2. Right

3. Obtuse

4. Straight

Q109 - Mathematics - Spatial Sense Measurement (Gr4)

How do you calculate the area of a rectangle?

1. Add the lengths of all sides

2. Multiply the length by the width

3. Multiply the length by the height

4. Add the length and the width

Q110 - Mathematics - Spatial Sense Measurement (Gr4)

How many milliliters are in a liter?

1. 100

2. 500

3. 1000

4. 1500

Q111 - Mathematics - Spatial Sense Measurement (Gr4)

Which prefix represents one thousandth (1/1000) of a unit?

1. Kilo-
2. Milli-
3. Centi-
4. Deci-

Q112 - Mathematics - Spatial Sense Measurement (Gr4)

How many minutes are there in 2 hours?

1. 60
2. 90
3. 120
4. 150

Q113 - Mathematics - Spatial Sense Measurement (Gr4)

An angle measuring 45 degrees is classified as:

1. Acute
2. Right
3. Obtuse
4. Straight

Q114 - Mathematics - Spatial Sense Measurement (Gr4)

If a movie starts at 3:00 PM and ends at 5:30 PM, how long is the movie?

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

Q115 - Mathematics - Spatial Sense Measurement (Gr4)

Which metric unit would be most appropriate to measure the capacity of a water bottle?

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

Q116 - Mathematics - Spatial Sense Measurement (Gr4)

A rectangle has a length of 5 cm and a width of 3 cm. What is its area?

1. 8 cm
2. 15 cm
3. 10 cm
4. 20 cm

Q117 - Mathematics - Spatial Sense Measurement (Gr4)

Which unit would be most appropriate to measure the mass of a textbook?

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

Q118 - Mathematics - Spatial Sense Measurement (Gr4)

What does the prefix 'centi-' mean in the metric system?

1. One hundred
2. One tenth
3. One hundredth
4. One thousandth

Q119 - Mathematics - Spatial Sense Measurement (Gr4)

If you start your homework at 4:15 PM and finish at 5:00 PM, how much time did you spend?

1. 30 minutes
2. 45 minutes
3. 1 hour
4. 1 hour 15 minutes

Q120 - Mathematics - Spatial Sense Measurement (Gr4)

What type of angle is greater than 90 degrees but less than 180 degrees?

1. Acute
2. Right
3. Obtuse

4. Straight

Q121 - Mathematics - Triangles and quadrilaterals (Gr4)

Which type of triangle has all three sides of different lengths?

1. Equilateral triangle
2. Isosceles triangle
3. Scalene triangle
4. Right triangle

Q122 - Mathematics - Triangles and quadrilaterals (Gr4)

What do you call a triangle with one angle measuring exactly 90 degrees?

1. Acute triangle
2. Right triangle
3. Obtuse triangle
4. Equilateral triangle

Q123 - Mathematics - Triangles and quadrilaterals (Gr4)

How many sides does a quadrilateral have?

1. Three
2. Four
3. Five
4. Six

Q124 - Mathematics - Triangles and quadrilaterals (Gr4)

Which quadrilateral has only one pair of parallel sides?

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

Q125 - Mathematics - Triangles and quadrilaterals (Gr4)

What is the name of a triangle with all sides of equal length?

1. Scalene triangle

2. Isosceles triangle

3. Equilateral triangle

4. Right triangle

Q126 - Mathematics - Triangles and quadrilaterals (Gr4)

Which quadrilateral has two pairs of parallel sides and all sides of equal length?

1. Rectangle

2. Rhombus

3. Trapezoid

4. Parallelogram

Q127 - Mathematics - Triangles and quadrilaterals (Gr4)

What do you call a triangle with one angle greater than 90 degrees?

1. Acute triangle

2. Right triangle

3. Obtuse triangle

4. Equilateral triangle

Q128 - Mathematics - Triangles and quadrilaterals (Gr4)

Which quadrilateral has four right angles and opposite sides of equal length?

1. Square

2. Rhombus

3. Trapezoid

4. Rectangle

Q129 - Mathematics - Triangles and quadrilaterals (Gr4)

Which shape has four equal sides and four right angles?

1. Rectangle

2. Rhombus

3. Square

4. Trapezoid

Q130 - Mathematics - Triangles and quadrilaterals (Gr4)

How many right angles does a rectangle have?

1. Two
2. Four
3. Three
4. None

Q131 - Mathematics - Triangles and quadrilaterals (Gr4)

Which of these is always true for a parallelogram?

1. All sides are equal
2. All angles are right
3. Opposite sides are parallel
4. It has only one pair of parallel sides

Q132 - Mathematics - Triangles and quadrilaterals (Gr4)

Which of these is NOT a quadrilateral?

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

Q133 - Mathematics - Triangles and quadrilaterals (Gr4)

How many lines of symmetry does an equilateral triangle have?

1. One
2. Two
3. Three
4. Four

Q134 - Mathematics - Triangles and quadrilaterals (Gr4)

What is the sum of the interior angles of a triangle?

1. 90 degrees
2. 180 degrees
3. 270 degrees
4. 360 degrees

Q135 - Mathematics - Triangles and quadrilaterals (Gr4)

Which shape always has diagonals that are equal in length?

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

Q136 - Mathematics - Statistics (Gr4)

What is the mode of the following set of numbers: 3, 7, 7, 2, 5?

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

Q137 - Mathematics - Statistics (Gr4)

Calculate the mean of these numbers: 4, 8, 6, 10.

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

Q138 - Mathematics - Statistics (Gr4)

Find the range of these numbers: 12, 15, 7, 10, 9.

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

Q139 - Mathematics - Statistics (Gr4)

What is the median of the following numbers: 9, 3, 6, 7, 5?

1. 5
2. 6
3. 7
4. 9

Q140 - Mathematics - Statistics (Gr4)

In a line plot showing the number of books read by students, which measure can tell you the most common number of books read?

1. Mean
2. Median
3. Mode
4. Range

Q141 - Mathematics - Statistics (Gr4)

What is the median of these numbers: 14, 18, 12, 20, 16?

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

Q142 - Mathematics - Statistics (Gr4)

A line plot shows the number of pets owned by students. If most students have 2 pets, which measure describes this?

1. Mean
2. Median
3. Mode
4. Range

Q143 - Mathematics - Statistics (Gr4)

If the range of a data set is 9 and the smallest number is 3, what is the largest number?

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

Q144 - Mathematics - Statistics (Gr4)

A student recorded test scores: 85, 90, 88, 92, and 85. What is the mode?

1. 85

2. 88

3. 90

4. 92

Q145 - Mathematics - Statistics (Gr4)

Which measure is best to use when there is an outlier in the data?

1. Mean

2. Median

3. Mode

4. Range

Q146 - Mathematics - Statistics (Gr4)

Which measure of central tendency is most affected by extreme values?

1. Mean

2. Median

3. Mode

4. Range

Q147 - Mathematics - Statistics (Gr4)

If the mean of five numbers is 8, what is their total sum?

1. 32

2. 35

3. 40

4. 45

Q148 - Mathematics - Statistics (Gr4)

If a class has test scores of 75, 80, 85, and 95, what is the mean?

1. 80

2. 83.75

3. 85

4. 90

Q149 - Mathematics - Statistics (Gr4)

If a set of numbers has no repeating values, what is the mode?

1. 0
2. The smallest number
3. The largest number
4. No mode

Q150 - Mathematics - Statistics (Gr4)

A data set has values 2, 4, 4, 6, 8, 10. What is the median?

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

Q151 - Mathematics - Financial Literacy US (Gr4)

Which of the following is a benefit of saving money?

1. Increases debt
2. Decreases available funds
3. Allows for future purchases
4. Reduces financial security

Q152 - Mathematics - Financial Literacy US (Gr4)

Which of the following is a fixed expense?

1. Monthly rent
2. Grocery bills
3. Utility bills
4. Entertainment expenses

Q153 - Mathematics - Financial Literacy US (Gr4)

What is an example of a variable expense?

1. Car payment
2. Mortgage
3. Dining out
4. Insurance premium

Q154 - Mathematics - Financial Literacy US (Gr4)

How do you calculate profit?

1. Subtract expenses from revenue

2. Add expenses to revenue

3. Multiply expenses by revenue

4. Divide revenue by expenses

Q155 - Mathematics - Financial Literacy US (Gr4)

Which of these is NOT a way to save money?

1. Using coupons

2. Putting money in a savings account

3. Making a budget

4. Spending all your allowance

Q156 - Mathematics - Financial Literacy US (Gr4)

Which savings option typically offers the highest interest rate?

1. Savings account

2. Certificate of Deposit (CD)

3. Checking account

4. Piggy bank

Q157 - Mathematics - Financial Literacy US (Gr4)

What is an example of a responsible financial decision?

1. Ignoring a budget

2. Spending all your money at once

3. Buying things without thinking

4. Saving part of your allowance

Q158 - Mathematics - Financial Literacy US (Gr4)

What is an example of a long-term financial goal?

1. Going to a movie

2. Buying a candy bar

3. Saving for college

4. Buying lunch

Q159 - Mathematics - Financial Literacy US (Gr4)

What is a benefit of creating a weekly allowance budget?

1. Helps track spending

2. Increases expenses

3. Reduces income

4. Causes financial confusion

Q160 - Mathematics - Financial Literacy US (Gr4)

What is the purpose of a budget?

1. To avoid saving money

2. To increase spending

3. To plan income and expenses

4. To eliminate all expenses

Q161 - Mathematics - Financial Literacy US (Gr4)

Which of the following is a good way to keep track of spending?

1. Writing down purchases

2. Ignoring expenses

3. Spending without a plan

4. Not looking at receipts

Q162 - Mathematics - Financial Literacy US (Gr4)

Why is it important to compare prices before buying something?

1. To buy impulsively

2. To spend more money

3. To waste time

4. To get the best deal

Q163 - Mathematics - Financial Literacy US (Gr4)

What does the term 'interest' mean in financial terms?

1. A financial institution

2. A type of bank account

3. The cost of borrowing money

4. A budgeting method

Q164 - Mathematics - Financial Literacy US (Gr4)

What is an example of earning income?

1. Using a credit card
2. Spending money
3. Borrowing money
4. Getting paid for a job

Q165 - Mathematics - Financial Literacy US (Gr4)

Which financial institution is typically used for everyday transactions?

1. Payday lender
2. Credit union
3. Bank
4. Investment firm

Q166 - Mathematics - Operations - Properties and Relationships (Gr4)

What is the sum of 23 and 17?

1. 30
2. 35
3. 40
4. 50

Q167 - Mathematics - Operations - Properties and Relationships (Gr4)

If you subtract 19 from 37, what do you get?

1. 18
2. 16
3. 19
4. 20

Q168 - Mathematics - Operations - Properties and Relationships (Gr4)

What is the product of 6 and 7?

1. 36

2. 42

3. 48

4. 52

Q169 - Mathematics - Operations - Properties and Relationships (Gr4)

If you divide 81 by 9, what do you get?

1. 7

2. 8

3. 9

4. 10

Q170 - Mathematics - Operations - Properties and Relationships (Gr4)

What is 35 divided by 7?

1. 5

2. 4

3. 6

4. 7

Q171 - Mathematics - Operations - Properties and Relationships (Gr4)

What is the difference between 50 and 27?

1. 21

2. 23

3. 25

4. 27

Q172 - Mathematics - Operations - Properties and Relationships (Gr4)

What is 8 8?

1. 56

2. 64

3. 72

4. 80

Q173 - Mathematics - Operations - Properties and Relationships (Gr4)

What is the sum of 12, 15, and 13?

1. 30
2. 35
3. 40
4. 45

Q174 - Mathematics - Operations - Properties and Relationships (Gr4)

What is half of 100?

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

Q175 - Mathematics - Operations - Properties and Relationships (Gr4)

What is the sum of 45 and 28?

1. 63
2. 70
3. 73
4. 75

Q176 - Mathematics - Operations - Properties and Relationships (Gr4)

What is 7 5?

1. 30
2. 35
3. 40
4. 45

Q177 - Mathematics - Operations - Properties and Relationships (Gr4)

What is 100 - 47?

1. 50
2. 53
3. 55
4. 57

Q178 - Mathematics - Operations - Properties and Relationships (Gr4)

If you divide 72 by 8, what do you get?

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

Q179 - Mathematics - Operations - Properties and Relationships (Gr4)

What is 9 9?

1. 81
2. 72
3. 90
4. 99

Q180 - Mathematics - Operations - Properties and Relationships (Gr4)

What is 6 6?

1. 30
2. 32
3. 36
4. 38

Q181 - Mathematics - Data Probability (Gr4)

Which term describes an event that is neither likely nor unlikely to happen?

1. Impossible
2. Unlikely
3. Equally likely
4. Certain

Q182 - Mathematics - Data Probability (Gr4)

Which term describes an event that will definitely not happen?

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

Q183 - Mathematics - Data Probability (Gr4)

If an event has a 50% chance of happening, which term best describes it?

1. Impossible
2. Unlikely
3. Equally likely
4. Certain

Q184 - Mathematics - Data Probability (Gr4)

If you roll a die and flip a coin, how many possible outcomes are there?

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

Q185 - Mathematics - Data Probability (Gr4)

On a probability line, where would you place an event that is certain to happen?

1. At the beginning
2. In the middle
3. At the end
4. Nowhere

Q186 - Mathematics - Data Probability (Gr4)

Which term describes an event that is unlikely to happen but still possible?

1. Impossible
2. Unlikely
3. Equally likely
4. Certain

Q187 - Mathematics - Data Probability (Gr4)

If you flip a fair coin, what is the probability of it landing on heads?

1. Impossible
2. Unlikely
3. Equally likely

4. Certain

Q188 - Mathematics - Data Probability (Gr4)

Which measure of central tendency is the middle value in a data set?

1. Mean
2. Median
3. Mode
4. Range

Q189 - Mathematics - Data Probability (Gr4)

In a data set, which measure represents the most frequently occurring value?

1. Mean
2. Median
3. Mode
4. Range

Q190 - Mathematics - Data Probability (Gr4)

If all outcomes of an event are equally likely, what is the probability of each outcome?

1. 0%
2. 25%
3. 50%
4. 100%

Q191 - Mathematics - Data Probability (Gr4)

What is the mean of the data set: 2, 4, 6, 8, 10?

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

Q192 - Mathematics - Data Probability (Gr4)

Which event is more likely to happen?

1. Rolling a 6 on a fair die

2. Flipping heads on a fair coin

3. Drawing a king from a deck of cards

4. Picking a red marble from a bag with 1 red and 3 blue marbles

Q193 - Mathematics - Data Probability (Gr4)

If a bag contains 3 red balls and 7 blue balls, what is the probability of picking a red ball?

1. 30%

2. 50%

3. 70%

4. 100%

Q194 - Mathematics - Data Probability (Gr4)

If you spin a spinner with four equal sections labeled A, B, C, and D, what is the probability of landing on C?

1. 1/2

2. 1/4

3. 1/3

4. 3/4

Q195 - Mathematics - Data Probability (Gr4)

What is the probability of rolling an even number on a six-sided die?

1. 1/2

2. 1/3

3. 2/3

4. 1/6

Q196 - Mathematics - Data Data Literacy (Gr4)

What is the difference between qualitative and quantitative data?

1. Qualitative data is numerical; quantitative data is descriptive.

2. Qualitative data is descriptive; quantitative data is numerical.

3. Both are numerical data types.

4. Both are descriptive data types.

Q197 - Mathematics - Data Data Literacy (Gr4)

2cool4school - Grade 4 Mathematics Worksheet

What is the purpose of drawing conclusions from data?

1. To summarize findings and make informed decisions.

2. To create more data.

3. To confuse the audience.

4. To avoid making decisions.

Q198 - Mathematics - Data Data Literacy (Gr4)

Which of the following is an example of qualitative data?

1. The number of students in a class.

2. The colors of cars in a parking lot.

3. The height of a building.

4. The weight of a bag.

Q199 - Mathematics - Data Data Literacy (Gr4)

What is a primary source of data?

1. Data collected directly by the researcher.

2. Data collected from books and articles.

3. Data found on the internet.

4. Data from previous studies.

Q200 - Mathematics - Data Data Literacy (Gr4)

Which of the following is an example of quantitative data?

1. Types of fruits in a basket.

2. The number of books on a shelf.

3. The names of students in a class.

4. The brands of shoes in a store.

Q201 - Mathematics - Data Data Literacy (Gr4)

What is a secondary source of data?

1. Data collected directly by the researcher.

2. Data collected from original experiments.

3. Data collected from books, articles, or reports.

4. Data collected through surveys.

Q202 - Mathematics - Data Data Literacy (Gr4)

What is a frequency table used for?

1. To display data in a visual format.

2. To show how often each value occurs in a data set.

3. To calculate the average of a data set.

4. To organize data in chronological order.

Q203 - Mathematics - Data Data Literacy (Gr4)

What is a stem-and-leaf plot?

1. A graph that uses bars to represent data.

2. A chart that shows parts of a whole.

3. A method of organizing numerical data where each number is split into a 'stem' and a 'leaf'.

4. A diagram that shows the relationship between two variables.

Q204 - Mathematics - Data Data Literacy (Gr4)

What should be included when displaying data in a graph?

1. Only the data points.

2. Just the title.

3. Only the labels.

4. Title, labels, and appropriate scales.

Q205 - Mathematics - Data Data Literacy (Gr4)

Which type of graph is best suited to compare multiple categories of data?

1. Line graph.

2. Pie chart.

3. Multiple-bar graph.

4. Scatter plot.

Q206 - Mathematics - Data Data Literacy (Gr4)

What is an infographic?

1. A detailed report of data analysis.

2. A visual representation of information or data.

3. A list of data points.

4. A type of numerical table.

Q207 - Mathematics - Data Data Literacy (Gr4)

What does the mean of a data set represent?

1. The middle value when data is ordered.

2. The most frequently occurring value.

3. The sum of all values divided by the number of values.

4. The difference between the highest and lowest values.

Q208 - Mathematics - Data Data Literacy (Gr4)

What does the mode of a data set represent?

1. The sum of all values divided by the number of values.

2. The most frequently occurring value.

3. The middle value when data is ordered.

4. The difference between the highest and lowest values.

Q209 - Mathematics - Data Data Literacy (Gr4)

Why is it important to analyze data presented in graphs?

1. To make informed decisions based on the data.

2. To ignore the data.

3. To make the data look more complex.

4. To avoid understanding the data.

Q210 - Mathematics - Data Data Literacy (Gr4)

What does the median of a data set represent?

1. The sum of all values divided by the number of values.

2. The most frequently occurring value.

3. The middle value when data is ordered.

4. The difference between the highest and lowest values.

Q211 - Mathematics - Operations Mental Math (Gr4)

What is 7 multiplied by 10?

1. 70.0

2. 700.0

3. 17.0

4. 77.0

Q212 - Mathematics - Operations Mental Math (Gr4)

What is 4 multiplied by 25?

1. 75.0

2. 50.0

3. 125.0

4. 100.0

Q213 - Mathematics - Operations Mental Math (Gr4)

Subtract 1.2 from 2.5. What do you get?

1. 2.3

2. 1.2

3. 1.3

4. 3.7

Q214 - Mathematics - Operations Mental Math (Gr4)

Divide 150 by 10. What is the result?

1. 15.0

2. 1.5

3. 1500.0

4. 0.15

Q215 - Mathematics - Operations Mental Math (Gr4)

Subtract 0.3 from 1.0. What do you get?

1. 0.3

2. 0.7

3. 1.3

4. 0.97

Q216 - Mathematics - Operations Mental Math (Gr4)

Add 0.9 and 1.1. What is the sum?

1. 1.9
2. 1.0
3. 0.2
4. 2.0

Q217 - Mathematics - Operations Mental Math (Gr4)

What is 9 multiplied by 1000?

1. 900.0
2. 9000.0
3. 90000.0
4. 90.0

Q218 - Mathematics - Operations Mental Math (Gr4)

What is 3 multiplied by 100?

1. 3000.0
2. 30.0
3. 300.0
4. 3.0

Q219 - Mathematics - Operations Mental Math (Gr4)

What is 5 multiplied by 100?

1. 500.0
2. 50.0
3. 5000.0
4. 5.0

Q220 - Mathematics - Operations Mental Math (Gr4)

Add 0.25 and 0.75. What is the sum?

1. 1.5
2. 0.95
3. 0.5
4. 1.0

Q221 - Mathematics - Operations Mental Math (Gr4)

What is 6 multiplied by 50?

1. 500.0
2. 60.0
3. 300.0
4. 30.0

Q222 - Mathematics - Operations Mental Math (Gr4)

Divide 80 by 10. What is the result?

1. 8.0
2. 80.0
3. 800.0
4. 0.8

Q223 - Mathematics - Operations Mental Math (Gr4)

Add 0.6 and 0.4. What is the sum?

1. 0.1
2. 1.0
3. 0.64
4. 1.4

Q224 - Mathematics - Operations Mental Math (Gr4)

Divide 600 by 100. What is the result?

1. 6000.0
2. 60.0
3. 6.0
4. 0.6

Q225 - Mathematics - Operations Mental Math (Gr4)

Subtract 0.5 from 2.0. What do you get?

1. 1.0
2. 0.5
3. 2.5
4. 1.5

Q226 - Mathematics - Algebra Equations and Inequalities   (Gr4)

What is the value of the variable x in the equation x + 7 = 12?

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

Q227 - Mathematics - Algebra Equations and Inequalities   (Gr4)

Solve for y: y - 5 = 9.

1. 14
2. 13
3. 4
4. 5

Q228 - Mathematics - Algebra Equations and Inequalities   (Gr4)

Determine if the statement is true or false: 8 - 3 < 6.

1. True
2. False
3. nan
4. nan

Q229 - Mathematics - Algebra Equations and Inequalities   (Gr4)

If z + 8 = 15, what is the value of z?

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

Q230 - Mathematics - Algebra Equations and Inequalities   (Gr4)

Solve for z: z/4 = 3.

1. 12
2. 9
3. 6

4. 3

Q231 - Mathematics - Algebra Equations and Inequalities   (Gr4)

If a = 6 and b = 4, what is a + b?

1. 10
2. 12
3. 8
4. 14

Q232 - Mathematics - Algebra Equations and Inequalities   (Gr4)

Which of the following equations is true?

1. 8 + 2 = 10
2. 7 + 3 = 9
3. 6 + 4 = 9
4. 5 + 5 = 11

Q233 - Mathematics - Algebra Equations and Inequalities   (Gr4)

If 2y = 10, what is the value of y?

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

Q234 - Mathematics - Algebra Equations and Inequalities   (Gr4)

Solve for n: 5n = 25.

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

Q235 - Mathematics - Algebra Equations and Inequalities   (Gr4)

Which number satisfies the inequality 5 + x > 10?

1. 6

2. 5

3. 4

4. 7

Q236 - Mathematics - Algebra Equations and Inequalities   (Gr4)

If x - 3 = 7, what is the value of x?

1. 10

2. 8

3. 7

4. 6

Q237 - Mathematics - Algebra Equations and Inequalities   (Gr4)

Which operation should be used to isolate the variable in x + 5 = 10?

1. Subtraction

2. Addition

3. Multiplication

4. Division

Q238 - Mathematics - Algebra Equations and Inequalities   (Gr4)

What is the missing number in the equation 6 + __ = 10?

1. 4

2. 5

3. 6

4. 3

Q239 - Mathematics - Algebra Equations and Inequalities   (Gr4)

Solve for x: 3x = 12.

1. 5

2. 3

3. 4

4. 6

Q240 - Mathematics - Algebra Equations and Inequalities   (Gr4)

Determine if the statement is true or false: 10 + 5 > 12.

1. True

2. False

3. nan

4. nan

Q241 - Mathematics - Operations Multiplication and Division (Gr4)

What is the product of 23 and 4?

1. 92

2. 86

3. 96

4. 89

Q242 - Mathematics - Operations Multiplication and Division (Gr4)

If 1 book costs $5, how much do 7 books cost?

1. $25

2. $30

3. $40

4. $35

Q243 - Mathematics - Operations Multiplication and Division (Gr4)

What is 7 multiplied by 1000?

1. 7000

2. 700

3. 70

4. 70000

Q244 - Mathematics - Operations Multiplication and Division (Gr4)

What is 1/5 added 4 times?

1. 2/5

2. 5/5

3. 3/5

4. 4/5

Q245 - Mathematics - Operations Multiplication and Division (Gr4)

What is 84 divided by 7?

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

Q246 - Mathematics - Operations Multiplication and Division (Gr4)

Divide 9 by 2 and express the remainder as a fraction.

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

Q247 - Mathematics - Operations Multiplication and Division (Gr4)

Calculate 246 divided by 3.

1. 82
2. 81
3. 83
4. 80

Q248 - Mathematics - Operations Multiplication and Division (Gr4)

What is 47 multiplied by 10?

1. 470
2. 450
3. 480
4. 460

Q249 - Mathematics - Operations Multiplication and Division (Gr4)

Multiply 1/6 by 3.

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

Q250 - Mathematics - Operations Multiplication and Division (Gr4)

Calculate 125 multiplied by 3.

1. 375
2. 350
3. 360
4. 370

Q251 - Mathematics - Operations Multiplication and Division (Gr4)

If 1 apple costs $2, how much do 5 apples cost?

1. $12
2. $8
3. $10
4. $15

Q252 - Mathematics - Operations Multiplication and Division (Gr4)

Divide 10 by 4 and express the remainder as a fraction.

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

Q253 - Mathematics - Operations Multiplication and Division (Gr4)

A car travels 60 miles per hour. How far will it travel in 3 hours?

1. 200 miles
2. 150 miles
3. 180 miles
4. 170 miles

Q254 - Mathematics - Operations Multiplication and Division (Gr4)

Find the product of 32 and 100.

1. 3200
2. 3000
3. 3100

4. 3300

Q255 - Mathematics - Operations Multiplication and Division (Gr4)

What is 2 times 1/4?

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

Q256 - Mathematics - Operations Addition and Subtraction (Gr4)

What is 4,567 + 3,289?

1. 7856.0
2. 7846.0
3. 7857.0
4. 7847.0

Q257 - Mathematics - Operations Addition and Subtraction (Gr4)

Add 1,234 and 4,567.

1. 5810.0
2. 5811.0
3. 5800.0
4. 5801.0

Q258 - Mathematics - Operations Addition and Subtraction (Gr4)

What is 7.5 + 2.3?

1. 9.8
2. 10.8
3. 8.8
4. 9.7

Q259 - Mathematics - Operations Addition and Subtraction (Gr4)

Subtract 5,678 from 8,000.

1. 2321.0

2. 3322.0

3. 2322.0

4. 3321.0

Q260 - Mathematics - Operations Addition and Subtraction (Gr4)

Subtract 6.4 from 10.2.

1. 3.8

2. 4.8

3. 3.7

4. 4.7

Q261 - Mathematics - Operations Addition and Subtraction (Gr4)

Find the difference: 9,874 - 5,432.

1. 4433.0

2. 4432.0

3. 4443.0

4. 4442.0

Q262 - Mathematics - Operations Addition and Subtraction (Gr4)

What is 7,654 - 3,210?

1. 4444.0

2. 4454.0

3. 4445.0

4. 4455.0

Q263 - Mathematics - Operations Addition and Subtraction (Gr4)

What is the sum of 9,876 and 1,234?

1. 10110.0

2. 11110.0

3. 11100.0

4. 10100.0

Q264 - Mathematics - Operations Addition and Subtraction (Gr4)

Calculate the sum of 2,345 and 6,789.

1. 9135.0
2. 9124.0
3. 9134.0
4. 9125.0

Q265 - Mathematics - Operations Addition and Subtraction (Gr4)

Solve: 3,215 + 2,789.

1. 6004.0
2. 6014.0
3. 6003.0
4. 6013.0

Q266 - Mathematics - Operations Addition and Subtraction (Gr4)

Subtract 2,134 from 5,000.

1. 2866.0
2. 3866.0
3. 2876.0
4. 3876.0

Q267 - Mathematics - Operations Addition and Subtraction (Gr4)

Subtract 4,321 from 9,999.

1. 5679.0
2. 5678.0
3. 5677.0
4. 5676.0

Q268 - Mathematics - Operations Addition and Subtraction (Gr4)

What is 12.5 - 7.8?

1. 5.6
2. 5.7
3. 4.6
4. 4.7

Q269 - Mathematics - Operations Addition and Subtraction (Gr4)

Add 3.6 and 4.7.

1. 7.3
2. 8.3
3. 8.2
4. 7.2

Q270 - Mathematics - Operations Addition and Subtraction (Gr4)

What is 456 + 789?

1. 1246.0
2. 1235.0
3. 1245.0
4. 1236.0

Q271 - Mathematics - Number Sense Fractions & Decimals (Gr4)

What is the numerator in the fraction 3/5?

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

Q272 - Mathematics - Number Sense Fractions & Decimals (Gr4)

Round 4.3 to the nearest whole number.

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

Q273 - Mathematics - Number Sense Fractions & Decimals (Gr4)

Which fraction is equivalent to 75%?

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

Q274 - Mathematics - Number Sense Fractions & Decimals (Gr4)

What is 1/2 plus 1/4?

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

Q275 - Mathematics - Number Sense Fractions & Decimals (Gr4)

Count by thirds: What comes after 2/3?

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

Q276 - Mathematics - Number Sense Fractions & Decimals (Gr4)

What is 1.25 as a fraction?

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

Q277 - Mathematics - Number Sense Fractions & Decimals (Gr4)

Which decimal is equal to 3/5?

1. 0.75
2. 0.6
3. 0.5
4. 0.4

Q278 - Mathematics - Number Sense Fractions & Decimals (Gr4)

What is 2/5 + 3/10?

1. 3/5
2. 1/2
3. 7/10

4. 4/5

Q279 - Mathematics - Number Sense Fractions & Decimals (Gr4)

How many fifths make up a whole?

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

Q280 - Mathematics - Number Sense Fractions & Decimals (Gr4)

What is 2.5 as a mixed number?

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

Q281 - Mathematics - Number Sense Fractions & Decimals (Gr4)

Which is greater: 3/4 or 2/3?

1. Cannot be determined
2. 2/3
3. They are equal
4. 3/4

Q282 - Mathematics - Number Sense Fractions & Decimals (Gr4)

Which fraction is greater: 5/8 or 3/4?

1. They are equal
2. 5/8
3. 3/4
4. Cannot be determined

Q283 - Mathematics - Number Sense Fractions & Decimals (Gr4)

Which fraction is equivalent to 0.5?

1. 1/2

2. 1/3

3. 2/5

4. 3/4

Q284 - Mathematics - Number Sense Fractions & Decimals (Gr4)

How do you write 0.125 as a fraction?

1. 3/8

2. 1/4

3. 1/8

4. 1/2

Q285 - Mathematics - Number Sense Fractions & Decimals (Gr4)

What is 0.7 as a fraction?

1. 7/100

2. 1/7

3. 3/5

4. 7/10

Q286 - Mathematics - Number Sense Whole Numbers (Gr4)

What is the value of the digit '5' in the number 5,432?

1. 5

2. 500

3. 5,000

4. 50

Q287 - Mathematics - Number Sense Whole Numbers (Gr4)

Which number is composed of 7 thousands, 4 hundreds, and 9 ones?

1. 7,409

2. 7,490

3. 7,049

4. 7,904

Q288 - Mathematics - Number Sense Whole Numbers (Gr4)

Decompose the number 6,582 into thousands, hundreds, tens, and ones.

1. 6,000 + 500 + 80 + 2
2. 6,000 + 50 + 800 + 2
3. 6,000 + 580 + 2
4. 6,000 + 500 + 82

Q289 - Mathematics - Number Sense Whole Numbers (Gr4)

Which number is greater than 3,456 but less than 3,460?

1. 3,455
2. 3,457
3. 3,460
4. 3,450

Q290 - Mathematics - Number Sense Whole Numbers (Gr4)

Arrange the numbers 8,123, 8,321, 8,213, and 8,132 in ascending order.

1. 8,123, 8,132, 8,213, 8,321
2. 8,321, 8,213, 8,132, 8,123
3. 8,213, 8,132, 8,123, 8,321
4. 8,132, 8,123, 8,321, 8,213

Q291 - Mathematics - Number Sense Whole Numbers (Gr4)

Round the number 4,567 to the nearest hundred.

1. 4,500
2. 4,600
3. 4,570
4. 4,560

Q292 - Mathematics - Number Sense Whole Numbers (Gr4)

What is 7,849 rounded to the nearest thousand?

1. 7,000
2. 8,000
3. 7,900
4. 7,850

Q293 - Mathematics - Number Sense Whole Numbers (Gr4)

Which of the following numbers is the largest?

1. 9,876
2. 9,867
3. 9,768
4. 9,786

Q294 - Mathematics - Number Sense Whole Numbers (Gr4)

What is the sum of 3,456 and 2,789?

1. 6,245
2. 5,245
3. 6,145
4. 5,145

Q295 - Mathematics - Number Sense Whole Numbers (Gr4)

What is the difference between 6,789 and 3,456?

1. 3,333
2. 3,453
3. 3,354
4. 3,365

Q296 - Mathematics - Number Sense Whole Numbers (Gr4)

Multiply 123 by 4.

1. 492
2. 412
3. 512
4. 432

Q297 - Mathematics - Number Sense Whole Numbers (Gr4)

Divide 625 by 5.

1. 120
2. 125
3. 130
4. 135

Q298 - Mathematics - Number Sense Whole Numbers (Gr4)

What is the place value of 9 in 9,876?

1. 9,000
2. 900
3. 90
4. 9

Q299 - Mathematics - Number Sense Whole Numbers (Gr4)

Which of the following numbers is even?

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

Q300 - Mathematics - Number Sense Whole Numbers (Gr4)

Which number comes next in the pattern: 2, 4, 8, 16, ...?

1. 32
2. 30
3. 34
4. 28

Answer Key

Q1: Predict sales trends

Q2: Guessing a number

Q3: Population growth

Q4: Guessing a number

Q5: Mathematical modeling

Q6: Creating a graph to predict sales

Q7: Data and numbers

Q8: A forecast

Q9: Data and numbers

Q10: Line graph

Q11: To represent real-world situations

Q12: Mathematical modeling

Q13: Predict sales trends

Q14: Graphs

Q15: Line graph

Q16: circle

Q17: 10

Q18: 15

Q19: Add 5

Q20: 1, 2, 3, 4

Q21: 40

Q22: A

Q23: 6

Q24: Square numbers

Q25: 8

Q26: 0.4

Q27: 80

Q28: 16

Q29: 40

Q30: 81

Q31: Rectangle

Q32: 4

Q33: 2

Q34: 2

Q35: (-4,2)

Q36: (3,2)

Q37: Moved 3 units right

Q38: Cube

Q39: Quadrilateral

Q40: Scalene Triangle

Q41: Reflection

Q42: Pentagon

Q43: 6

Q44: 2

Q45: Obtuse Angle

Q46: 11

Q47: for i in range(1, 6): print(i)

Q48: 9

Q49: 50

Q50: for i in range(1, 4): if i % 2 == 0: print('Even') else: print('Odd')

Q51: def

Q52: 15

Q53: x = 10

Q54: for i in range(1, 6):

Q55: 3

Q56: 5

Q57: 3

Q58: 4

Q59: 15

Q60: numbers = [1, 2, 3, 4, 5]

Q61: Cash

Q62: 15

Q63: To find the best deal and save money.

Q64: 8

Q65: Spending decreases the amount of money you have, while saving increases it.

Q66: Earning

Q67: Compare its price with similar items.

Q68: Depositing it into a savings account.

Q69: Compare prices and consider if you really need it.

Q70: A plan for how to spend and save money.

Q71: You go into debt.

Q72: To prepare for future expenses and emergencies.

Q73: It helps keep your money safe.

Q74: Repay it with interest over time.

Q75: Money you earn on savings or have to pay on a loan.

Q76: 72

Q77: 63

Q78: 72

Q79: 100

Q80: 36

Q81: 81

Q82: 35

Q83: 81

Q84: 32

Q85: 42

Q86: 27

Q87: 50

Q88: 16

Q89: 4

Q90: 7

Q91: Acute angle

Q92: Right angle

Q93: Obtuse angle

Q94: Straight angle

Q95: 360 degrees

Q96: 2025-01-04 00:00:00

Q97: 2025-01-08 00:00:00

Q98: Protractor

Q99: Protractor

Q100: 180 degrees

Q101: Reflex angle

Q102: 4

Q103: 90 degrees

Q104: 360 degrees

Q105: Acute angle

Q106: 1 kilogram = 1000 grams

Q107: Equilateral

Q108: Right

Q109: Multiply the length by the width

Q110: 1000

Q111: Milli-

Q112: 120

Q113: Acute

Q114: 2 hours and 30 minutes

Q115: Liters

Q116: 15 cm

Q117: Kilograms

Q118: One hundredth

Q119: 45 minutes

Q120: Obtuse

Q121: Scalene triangle

Q122: Right triangle

Q123: Four

Q124: Trapezoid

Q125: Equilateral triangle

Q126: Rhombus

Q127: Obtuse triangle

Q128: Rectangle

Q129: Square

Q130: Four

Q131: Opposite sides are parallel

Q132: Triangle

Q133: Three

Q134: 180 degrees

Q135: Rectangle

Q136: 7

Q137: 7

Q138: 5

Q139: 6

Q140: Mode

Q141: 16

Q142: Mode

Q143: 12

Q144: 85

Q145: Median

Q146: Mean

Q147: 40

Q148: 83.75

Q149: No mode

Q150: 5

Q151: Allows for future purchases

Q152: Monthly rent

Q153: Dining out

Q154: Subtract expenses from revenue

Q155: Spending all your allowance

Q156: Certificate of Deposit (CD)

Q157: Saving part of your allowance

Q158: Saving for college

Q159: Helps track spending

Q160: To plan income and expenses

Q161: Writing down purchases

Q162: To get the best deal

Q163: The cost of borrowing money

Q164: Getting paid for a job

Q165: Bank

Q166: 35

Q167: 18

Q168: 42

Q169: 9

Q170: 5

Q171: 25

Q172: 64

Q173: 40

Q174: 50

Q175: 73

Q176: 35

Q177: 55

Q178: 9

Q179: 81

Q180: 36

Q181: Equally likely

Q182: Impossible

Q183: Equally likely

Q184: 8

Q185: At the end

Q186: Unlikely

Q187: Equally likely

Q188: Median

Q189: Mode

Q190: 50%

Q191: 5

Q192: Flipping heads on a fair coin

Q193: 30%

Q194: 1/4

Q195: 1/2

Q196: Qualitative data is descriptive; quantitative data is numerical.

Q197: To summarize findings and make informed decisions.

Q198: The colors of cars in a parking lot.

Q199: Data collected directly by the researcher.

Q200: The number of books on a shelf.

Q201: Data collected from books, articles, or reports.

Q202: To show how often each value occurs in a data set.

Q203: A method of organizing numerical data where each number is split into a 'stem' and a 'leaf'.

Q204: Title, labels, and appropriate scales.

Q205: Multiple-bar graph.

Q206: A visual representation of information or data.

Q207: The sum of all values divided by the number of values.

Q208: The most frequently occurring value.

Q209: To make informed decisions based on the data.

Q210: The middle value when data is ordered.

Q211: 70.0

Q212: 100.0

Q213: 1.3

Q214: 15.0

Q215: 0.7

Q216: 2.0

Q217: 9000.0

Q218: 300.0

Q219: 500.0

Q220: 1.0

Q221: 300.0

Q222: 8.0

Q223: 1.0

Q224: 6.0

Q225: 1.5

Q226: 5

Q227: 13

Q228: True

Q229: 6

Q230: 12

Q231: 12

Q232: 8 + 2 = 10

Q233: 5

Q234: 5

Q235: 5

Q236: 10

Q237: Addition

Q238: 4

Q239: 4

Q240: True

Q241: 92

Q242: $35

Q243: 7000

Q244: 4/5

Q245: 12

Q246: 4 1/2

Q247: 81

Q248: 470

Q249: 1/2

Q250: 375

Q251: $10

Q252: 2 1/4

Q253: 180 miles

Q254: 3200

Q255: 1/2

Q256: 7856.0

Q257: 5801.0

Q258: 9.8

Q259: 2322.0

Q260: 3.8

Q261: 4442.0

Q262: 4444.0

Q263: 11110.0

Q264: 9134.0

Q265: 6004.0

Q266: 2866.0

Q267: 5678.0

Q268: 4.7

Q269: 8.3

Q270: 1245.0

Q271: 3

Q272: 4

Q273: 3/4

Q274: 3/4

Q275: nan

Q276: 5/4

Q277: 0.6

Q278: 7/10

Q279: 5

Q280: 2 1/2

Q281: 3/4

Q282: 3/4

Q283: 1/2

Q284: 1/8

Q285: 7/10

Q286: 5,000

Q287: 7,409

Q288: 6,000 + 500 + 80 + 2

Q289: 3,457

Q290: 8,123, 8,132, 8,213, 8,321

Q291: 4,600

Q292: 8,000

Q293: 9,876

Q294: 6,245

Q295: 3,453

Q296: 512

Q297: 125

Q298: 9,000

Q299: 12

Q300: 32