**Q1 - Mathematics - Algebra - Mathematical Modelling**

If you have 8 cookies and eat 3, how many cookies are left?

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

**Q2 - Mathematics - Algebra - Mathematical Modelling**

If you have 5 chocolates and give 2 to a friend, how many do you have left?

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

**Q3 - Mathematics - Algebra - Mathematical Modelling**

If you have 3 apples and you get 2 more, how many apples do you have in total?

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

**Q4 - Mathematics - Algebra - Mathematical Modelling**

There are 10 fish in a tank. 4 are taken out. How many remain?

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

**Q5 - Mathematics - Algebra - Coding**

If a character starts facing north and turns right, which direction are they now facing?

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

**Q6 - Mathematics - Algebra - Coding**

What happens when a character turns left twice in a row?

1. The character doesn't move
2. The character moves sideways
3. The character turns around
4. The character disappears

**Q7 - Mathematics - Algebra - Coding**

What will be the output of the following code? Start -> Move Forward -> Turn Right -> Move Forward -> End

1. The character moves in an L shape
2. The character moves in a straight line
3. The character moves in a circle
4. The character doesn't move

**Q8 - Mathematics - Algebra - Coding**

Which command is missing in the sequence: Start -> Move Forward -> ??? -> Move Forward -> End, if the path should be an L-shape?

1. Turn Right
2. Move Forward
3. Move Backward
4. Jump

**Q9 - Mathematics - Data - Probability**

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

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

**Q10 - Mathematics - Data - Probability**

Which event is likely but not certain?

1. The sun will rise tomorrow.
2. It will rain tomorrow.
3. A dice will show a number between 1 and 6.
4. A coin will land on heads or tails.

**Q11 - Mathematics - Data - Probability**

Which of the following events is certain to happen?

1. The sun will rise tomorrow.
2. It will snow in the desert today.
3. A coin will land on heads every time.
4. A dice will always show six.

**Q12 - Mathematics - Data - Probability**

What is the likelihood of rolling a number greater than 6 on a standard six-sided dice?

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

**Q13 - Mathematics - Addition and Subtraction**

What is 6 + 7?

1. 13
2. 15
3. 13
4. 10

**Q14 - Mathematics - Addition and Subtraction**

What is 7 + 8?

1. 15
2. 17
3. 15
4. 12

**Q15 - Mathematics - Addition and Subtraction**

What is 1 + 2?

1. 3
2. 5
3. 3
4. 0

**Q16 - Mathematics - Addition and Subtraction**

What is 8 + 9?

1. 19
2. 17
3. 17
4. 14

**Q17 - Mathematics - Algebra - Patterns and Relationships**

In the pattern square, circle, square, circle, what shape comes next?

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

**Q18 - Mathematics - Algebra - Patterns and Relationships**

What number fits the pattern: 50, 45, 40, ___?

1. 35
2. 40
3. 30
4. 25

**Q19 - Mathematics - Algebra - Patterns and Relationships**

What comes next in the pattern: red, blue, red, blue, red, ___?

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

**Q20 - Mathematics - Algebra - Patterns and Relationships**

What number comes next: 1, 3, 5, 7, ___?

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

**Q21 - Mathematics - Algebra - Equations and Inequalities**

Fill in the blank: 10 - ___ = 7.

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

**Q22 - Mathematics - Algebra - Equations and Inequalities**

What is the missing number in the equation: 3 + ___ = 5?

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

**Q23 - Mathematics - Algebra - Equations and Inequalities**

What is the missing number in the equation: 3 + ___ = 5?

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

**Q24 - Mathematics - Algebra - Equations and Inequalities**

What is the missing number: ___ + 4 = 9?

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

**Q25 - Mathematics - Data - Data Literacy**

How can you display data using pictures to represent information?

1. Pictograph
2. Paragraph
3. Storybook
4. Equation

**Q26 - Mathematics - Data - Data Literacy**

When you sort a set of objects by color, what attribute are you using?

1. Size
2. Shape
3. Color
4. Weight

**Q27 - Mathematics - Data - Data Literacy**

Which of the following is a way to collect data about people's favorite fruits?

1. Ask each person and write down their answer.
2. Guess which fruit is most popular.
3. Look at pictures of fruits.
4. Count the number of fruits in a basket.

**Q28 - Mathematics - Data - Data Literacy**

How do you create a concrete graph to show the number of apples, bananas, and oranges students have?

1. Use real objects or pictures to represent each fruit.
2. Write a story about the fruits.
3. Draw a map of the classroom.
4. Sing a song about fruits.

**Q29 - Mathematics - Number Sense - Fractions**

If a pie is cut into 5 equal slices and you eat 3 slices, what fraction of the pie have you eaten?

1. Three fifths
2. One fourth
3. One half

4. Two fifths

**Q30 - Mathematics - Number Sense - Fractions**

Which of the following fractions is the largest?

1. One half
2. One third
3. One fourth
4. One fifth

**Q31 - Mathematics - Number Sense - Fractions**

If you share a pizza equally between 2 people, what fraction of the pizza does each person get?

1. One half
2. One third
3. One fourth
4. One fifth

**Q32 - Mathematics - Number Sense - Fractions**

Which of the following fractions is the smallest?

1. One fifth
2. One tenth
3. One fourth
4. One third

**Q33 - Mathematics - Spatial Sense - Geometric and Spatial Reasoning**

Which shape has four equal sides?

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

**Q34 - Mathematics - Spatial Sense - Geometric and Spatial Reasoning**

Which shape has four equal sides?

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

**Q35 - Mathematics - Spatial Sense - Geometric and Spatial Reasoning**

Which shape has three sides?

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

**Q36 - Mathematics - Spatial Sense - Geometric and Spatial Reasoning**

Which shape looks like a box?

1. Circle
2. Triangle
3. Cube
4. Sphere

**Q37 - Mathematics - Spatial Sense - Measurement**

How can you determine which of two objects has a greater mass?

1. Compare their lengths.
2. Compare their colors.
3. Use a balance scale to compare their weights.
4. Compare their capacities.

**Q38 - Mathematics - Spatial Sense - Measurement**

Which unit would you use to measure the length of a classroom?

1. Meters
2. Liters
3. Grams
4. Seconds

**Q39 - Mathematics - Spatial Sense - Measurement**

Which attribute measures the amount of space inside a shape?

1. Length
2. Area
3. Mass
4. Capacity

**Q40 - Mathematics - Spatial Sense - Measurement**

Which unit would you use to measure the length of a classroom?

1. Meters
2. Liters
3. Grams
4. Seconds

**Q41 - Mathematics - Financial Literacy - Money and Finances - US**

If you have a quarter and a nickel, how much do you have?

1. 35 cents
2. 30 cents
3. 40 cents
4. 25 cents

**Q42 - Mathematics - Financial Literacy - Money and Finances - US**

What does a piggy bank help you do?

1. Save money
2. Spend money
3. Lose money
4. Find money

**Q43 - Mathematics - Financial Literacy - Money and Finances - US**

Which coin is worth 5 cents?

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

**Q44 - Mathematics - Financial Literacy - Money and Finances - US**

Which coin has the highest value?

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

**Q45 - Mathematics - Operations - Multiplication and Division**

Divide 9 into 3 equal groups. How many are in each group?

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

**Q46 - Mathematics - Operations - Multiplication and Division**

How many groups of 2 make 6?

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

**Q47 - Mathematics - Operations - Multiplication and Division**

What is 2 times 3?

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

**Q48 - Mathematics - Operations - Multiplication and Division**

What is 2 times 3?

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

**Q49 - Mathematics - Operations - Properties and Relationships 10**

If 5 + 5 = 10, what is 10 - 5?

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

**Q50 - Mathematics - Operations - Properties and Relationships 12**

What is 7 - 3?

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

**Q51 - Mathematics - Operations - Properties and Relationships 1**

What is 5 + 3?

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

**Q52 - Mathematics - Operations - Properties and Relationships 14**

What is 9 - 9?

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

**Q53 - Mathematics - Unknown Topic**

What is the sum of 6 and 7?

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

**Q54 - Mathematics - Unknown Topic**

Which is an even number?

1. 21
2. 23
3. 25
4. 26

**Q55 - Mathematics - Unknown Topic**

What number comes after 49?

1. 48
2. 50
3. 51
4. 49

**Q56 - Mathematics - Unknown Topic**

How many fives are in 25?

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

**Q57 - Mathematics - Operations - Mental Math**

What is 9 + 1?

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

**Q58 - Mathematics - Operations - Mental Math**

What is 14 - 7?

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

**Q59 - Mathematics - Operations - Mental Math**

What is 7 + 3?

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

**Q60 - Mathematics - Operations - Mental Math**

What is 12 - 2?

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

# Answer Key

Q1: 5
Q2: 3
Q3: 5
Q4: 6
Q5: East
Q6: The character turns around
Q7: The character moves in an L shape
Q8: Turn Right
Q9: Possible
Q10: It will rain tomorrow.
Q11: The sun will rise tomorrow.
Q12: Impossible
Q13: 13
Q14: 15
Q15: 3
Q16: 17
Q17: square
Q18: 35
Q19: blue
Q20: 9
Q21: 3
Q22: 2
Q23: 2
Q24: 5
Q25: Pictograph
Q26: Color
Q27: Ask each person and write down their answer.
Q28: Use real objects or pictures to represent each fruit.
Q29: Three fifths
Q30: One half
Q31: One half
Q32: One tenth
Q33: Square

Q34: Square

Q35: Triangle

Q36: Cube

Q37: Use a balance scale to compare their weights.

Q38: Meters

Q39: Area

Q40: Meters

Q41: 30 cents

Q42: Save money

Q43: Nickel

Q44: Quarter

Q45: 3

Q46: 3

Q47: 6

Q48: 6

Q49: 5

Q50: 4

Q51: 8

Q52: 0

Q53: 13

Q54: 26

Q55: 50

Q56: 4

Q57: 10

Q58: 8

Q59: 10

Q60: 10