

GRADE 5-6

Q.1: If a shirt is priced at Rs.40 and there is a 20% markup, what is the new selling price?

А	Rs. 44
В	Rs. 48
С	Rs. 50
D	Rs. 52



MATHLEGO

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Q.2: If a car travels 160 miles in 4 hours, what is its average speed in miles per hour?

A	20 mph
В	30 mph
С	40 mph
D	50 mph

Q.3: What is the greatest common factor (GCF) of 36 and 48?

A	12
В	6
С	4
D	8

Q.4: The Venn diagram named after _____ who created the diagram in _____ :

А	Charlie Venn , 1890
В	John Venn , 1880
С	Charlie Venn , 1880
D	John Venn , 1890

Q.5: Which number has exactly three factors?

Α	9
В	12
С	6
D	15



Q.6: Which of the following numbers is a multiple of both 4 and 5?

А	20
В	18
С	24
D	15

Q.7: Which of the following figures has no line of symmetry?

A	Circle
В	Square
С	Rectangle
D	Triangle

Q.8: Which of the following letters has reflective symmetry?

A	М
В	W
С	L
D	Т

Q.9: Which of the following figures has both reflective and rotational symmetry?

A	Square
В	Rectangle
С	Rhombus
D	Parallelogram



Q.10: What is the perimeter of a square with sides measuring 8 units?

A	16 units
В	24 units
С	32 units
D	64 units

Q.11: A rectangular garden has dimensions 10 meters by 6 meters. What is its perimeter?

А	32 metres
В	22 metres
С	60 metres
D	36 metres

Q.12: What is the perimeter of a regular hexagon with sides measuring 4 units each?

A	16 units
В	20 units
С	24 units
D	28 units

Q.13: Which of the following shapes has all sides of equal length and all angles as right angles?

A	cube
В	Cuboid
С	Sphere
D	Cylinder



Q.14: What is the number of edges in a cube?

A	8
В	12
С	6
D	4

Q.15: Ratios are used to compare:

А	Absolute quantities
В	Similar quantities
С	Dissimilar quantities
D	Opposite quantities

Q.16: A ratio can be simplified to its simplest form by:

А	Multiplying both terms by the same number
В	Dividing both terms by the same number
С	Adding the terms together
D	Subtracting the terms

Q.17: The ratio of two quantities a and b can be represented as:

A	a×b
В	a - b
С	a + b
D	a ÷ b



Q.18: The origins of factor and multiple concepts can be traced back to ancient civilizations such as:

A	Babylonia
В	Egypt
С	Greece
D	All of these

Q.19: What is the purpose of estimation in mathematics?

А	To find the exact solution to a problem
В	To make an educated guess or approximation
С	To create complex mathematicals models
D	To prove theorems

Q.20: Which of the following is an example of rounding to the nearest ten?

A	27 t0 20
В	78 to 70
С	54 to 60
D	91 to 90

Q.21: Estimation is particularly useful when:____

А	Precise calculations are required
В	The exact answer is readily available
С	Quick approximate answers are needed
D	The problem involves advanced algebraic concepts



Q.22: When estimating, what should you do with decimal numbers?

А	Ignore them and round to the nearest whole number
В	Round them to the nearest integer
С	Always round down to the nearest whole number
D	Use them as they are without any rounding

Q.23: Evaluate the expression: $7 + (4 \times 3)$

A	33
В	25
С	19
D	15

Q.24: Which operation should you use to find the total number of apples if you have 6 baskets, and each basket contains 4 apples?

A	Addition
В	Subtraction
С	Multiplication
D	Division

Q.25: Which of the following is the correct subtraction of fractions: 3/5 - 1/5?

А	1 / 10
В	2 / 10
С	4/5
D	2/5



Q.26: A farmer has 56 apples, and he wants to distribute them equally among 8 baskets. How many apples will be in each basket?

А	6
В	7
С	8
D	9

Q.27: A bar graph is used to represent:

A	Continuous data
В	Discrete data
С	Categorical data
D	Numerical data

Q.28: The range of a data set is:

A	The difference between the largest and smallest values
В	The sum of all values in the data set
С	The value that appears most frequently
D	The average of all values in the data set

Q.29: What is the median of the following data set: 12, 15, 8, 10, 18?

A	12
В	10
С	15
D	8



Q.30: John was ranked fifth from the top and sixteenth from the bottom after a test. How many students were there in his class?

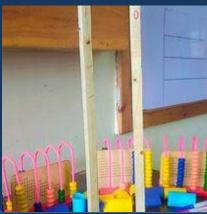
A	19
В	20
С	21
D	22















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