



MEGA MATH QUIZ

SYLLABUS



GRADE 5 & 6

1. A clock shows 2:45. What angle is between the hour and minute hand?
A) 30° B) 82.5° C) 90° D) 120°
2. A book has 240 pages. Sara reads 20 pages each day.
How many days will it take to finish the book?
A) 10 B) 11 C) 12 D) 13
3. A farmer has 36 sheep. He arranges them into groups of 6.
How many groups does he make?
A) 4 B) 5 C) 6 D) 7
4. The perimeter of a square is 48 cm. What is the length of one side?
A) 10 cm B) 12 cm C) 14 cm D) 15 cm
5. A train travels 60 km in 1 hour. How far will it travel in 3.5 hours?
A) 150 km B) 180 km C) 190 km D) 210 km
6. A bottle holds 750 ml of juice. How many liters is that?
A) 0.5 L B) 0.75 L C) 1.25 L D) 1.5 L
7. A square park has an area of 81 m^2 . What is the length of one side?
A) 7 m B) 9 m C) 10 m D) 12 m
8. There are 48 students in a class. $\frac{1}{3}$ of them are absent. How many are present?
A) 12 B) 16 C) 32 D) 36
9. A box contains 54 marbles. If each child gets 9 marbles, how many children get marbles?
A) 5 B) 6 C) 7 D) 8
10. A man walks 3 km east, then 4 km north. What is the shortest distance back to start?
A) 5 km B) 7 km C) 6 km D) 8 km
11. A triangle has sides 6 cm, 8 cm, and 10 cm. What type is it?
A) Isosceles B) Right-angled C) Equilateral D) Scalene
12. A box has 120 chocolates. $\frac{3}{5}$ are eaten. How many are left?
A) 36 B) 42 C) 48 D) 60
13. The LCM of 6 and 8 is:
A) 12 B) 18 C) 20 D) 24
14. A rope is 4 m long. Cut it into 50 cm pieces. How many pieces?
A) 6 B) 7 C) 8 D) 9



15. A bus leaves at 7:30 a.m. and reaches at 10:15 a.m. How long is the journey?

- A) 2 hrs 15 min B) 2 hrs 45 min C) 3 hrs D) 3 hrs 15 min

16. A bag has 5 red balls, 7 blue balls, and 8 green balls. How many balls total?

- A) 18 B) 19 C) 20 D) 21

17. The average of 12, 14, and 16 is:

- A) 12 B) 13 C) 14 D) 15

18. A man earns \$500 per week. How much in 4 weeks?

- A) \$1500 B) \$2000 C) \$2200 D) \$2500

19. A cube has edge 4 cm. Its volume is:

- A) 32 cm^3 B) 48 cm^3 C) 64 cm^3 D) 80 cm^3

20. A car uses 5 liters of fuel to travel 75 km. How far with 20 liters?

- A) 250 km B) 300 km C) 325 km D) 350 km

21. Find the missing number: 3, 6, 12, 24, ?

- A) 36 B) 48 C) 50 D) 60

22. A bag has 60 pens. $\frac{1}{4}$ are blue. How many are blue?

- A) 10 B) 12 C) 15 D) 20

23. A rectangle has length 12 cm and width 5 cm. What is its area?

- A) 50 cm^2 B) 60 cm^2 C) 70 cm^2 D) 75 cm^2

24. The perimeter of a rectangle is 40 cm. Length = 12 cm. What is the width?

- A) 6 cm B) 8 cm C) 10 cm D) 12 cm

25. A shopkeeper sells 35 pens one day and 45 the next. How many in total?

- A) 70 B) 75 C) 80 D) 85

26. If $1 \text{ kg} = 1000 \text{ g}$, how many grams are in 3.5 kg?

- A) 2000 g B) 2500 g C) 3000 g D) 3500 g

27. Find the median of 3, 7, 9, 12, 14.

- A) 7 B) 9 C) 12 D) 14

28. A train has 12 coaches. Each coach has 72 seats. How many seats total?

- A) 720 B) 820 C) 864 D) 900

29. A bag of rice weighs 25 kg. How many such bags make 200 kg?

- A) 6 B) 7 C) 8 D) 9

30. The HCF of 24 and 36 is:

- A) 6 B) 12 C) 18 D) 24

31. A cinema has 20 rows with 25 seats each. How many seats total?

- A) 450 B) 500 C) 550 D) 600

32. A hexagon has how many diagonals?

- A) 8 B) 9 C) 10 D) 12

33. A tank fills 60 liters in 5 minutes. How much in 15 minutes?

- A) 120 L B) 150 L C) 180 L D) 200 L

34. The mean of 10, 20, 30, 40 is:

- A) 20 B) 25 C) 30 D) 35

35. A school has 240 students. $\frac{3}{8}$ are girls. How many are girls?

- A) 80 B) 90 C) 100 D) 120

36. A car moves at 45 km/h. How long to travel 135 km?

- A) 2 hrs B) 3 hrs C) 3.5 hrs D) 4 hrs

37. If 1 dozen = 12, how many bananas in 5 dozen?

- A) 50 B) 55 C) 60 D) 65

38. Which is a prime number?

- A) 21 B) 27 C) 29 D) 33

39. A triangle has angles 70° , 50° , and _____. Find missing angle.

- A) 50° B) 80° C) 60° D) 70°

40. The square of 15 is:

- A) 200 B) 210 C) 220 D) 225

41. A car runs 100 km in 2 hours. What is its speed?

- A) 40 km/h B) 45 km/h C) 50 km/h D) 55 km/h

42. The perimeter of an equilateral triangle is 45 cm. One side is:

- A) 12 cm B) 15 cm C) 18 cm D) 20 cm

43. A cone has radius 7 cm and height 24 cm. Find slant height.
A) 23 cm B) 25 cm C) 26 cm D) 27 cm
44. A circle has radius 14 cm. Its diameter is:
A) 20 cm B) 28 cm C) 30 cm D) 32 cm
45. Find the mode: 2, 3, 5, 3, 6, 3, 7.
A) 2 B) 3 C) 5 D) 7
46. If 1 m = 100 cm, then 2.5 m = ?
A) 150 cm B) 200 cm C) 250 cm D) 300 cm
47. Which of these is divisible by 9?
A) 125 B) 162 C) 180 D) 200
48. A shopkeeper sold 250 pencils in 5 days equally. How many per day?
A) 40 B) 50 C) 60 D) 70
49. The cube root of 64 is:
A) 3 B) 5 C) 4 D) 6
50. A man spends \$2400 in 6 months. How much per month?
A) \$300 B) \$350 C) \$400 D) \$450
51. If perimeter of rectangle is 50 cm, length is 15 cm. Width?
A) 25 cm B) 10 cm C) 15 cm D) 20 cm
52. The perimeter of a circle with radius 7 cm is ($\pi=22/7$):
A) 40 cm B) 42 cm C) 44 cm D) 46 cm
53. A quadrilateral with only one pair of parallel sides is called:
a) Parallelogram b) Rectangle c) Trapezium d) Rhombus
54. Which is the correct Roman numeral for 20?
a) V b) X c) XX d) XV
55. The number of hours in half a day is:
a) 12 b) 24 c) 10 d) 6
56. Which is the largest two-digit number?
a) 90 b) 99 c) 100 d) 98
57. The unit used to measure liquid is:
a) Gram b) Litre c) Metre d) Kilogram



58. Which number is divisible by both 2 and 5?

- a) 15 b) 18 c) 20 d) 25

59. The sum of all angles in a triangle is:

- a) 90° b) 270° c) 180° d) 360°

60. Which is the smallest prime number?

- a) 0 b) 1 c) 2 d) 3

61. A cube has how many faces?

- a) 4 b) 5 c) 6 d) 8

62. The symbol for "is less than" is:

- a) = b) > c) < d) $\geq$

63. Which number is an odd multiple of 3?

- a) 6 b) 12 c) 15 d) 18

64. The product of 7×1 is:

- a) 0 b) 7 c) 14 d) 8

65. Which shape has 4 equal sides and 4 right angles?

- a) Rectangle b) Square c) Rhombus d) Parallelogram

66. A leap year has how many days?

- a) 365 b) 366 c) 367 d) 364

67. The decimal form of $1/2$ is:

- a) 0.12 b) 0.25 c) 0.5 d) 0.75

68. A triangle with one angle of 90° is called:

- a) Acute triangle b) Obtuse triangle c) Right triangle d) Scalene triangle

69. The smallest factor of any number is always:

- a) 1 b) 0 c) The number itself d) 2

70. Which shape has only one curved surface?

- a) Cube b) Cylinder c) Sphere d) Cone

71. Which of the following is a composite number?

- a) 2 b) 3 c) 4 d) 5

72. How many sides does a hexagon have?

- a) 5 b) 6 c) 7 d) 8

73. Which is the largest among $1/3$, $1/2$, and $1/4$?

- a) $1/3$ b) $1/2$ c) $1/4$ d) All are equal

74. Which number is a factor of 24?

- a) 5 b) 7 c) 6 d) 9

75. The value of 5^2 is:

- a) 10 b) 15 c) 25 d) 20

76. The sum of two odd numbers is always:

- a) Odd b) Even c) Prime d) Composite

77. Which number is both a multiple of 4 and 6?

- a) 10 b) 12 c) 16 d) 20

78. The mode in a data set is the number that:

- a) Is in the middle b) Appears most often
c) Is smallest d) Is largest

79. Which fraction is equivalent to $\frac{2}{4}$?

- a) $\frac{1}{3}$ b) $\frac{1}{2}$ c) $\frac{3}{4}$ d) $\frac{2}{3}$

80. Which of these is a measuring tool for angles?

- a) Ruler b) Protractor c) Compass d) Divider

81. Which is the smallest even number?

- a) 2 b) 4 c) 0 d) 6

82. The Roman numeral for 100 is:

- a) L b) C c) D d) M

83. The sum of angles in a quadrilateral is:

- a) 180° b) 270° c) 360° d) 540°

84. Which is the largest unit of mass?

- a) Gram b) Milligram c) Kilogram d) Centigram

85. Which number is a perfect square?

- a) 12 b) 15 c) 16 d) 20

86. The point where two lines meet is called:

- a) Midpoint b) Vertex c) Centre d) Edge

87. Which number is between 200 and 300?

- a) 150 b) 350 c) 250 d) 100

88. Which of these has no edges or corners?

- a) Cube b) Cone c) Cylinder d) Sphere

89. Which is a leap year?

- a) 2001 b) 2005 c) 2008 d) 2011

90. A polygon with 5 sides is called:

- a) Hexagon b) **Pentagon** c) Heptagon d) Octagon

91. The number that is neither prime nor composite is:

- a) 0 b) **1** c) 2 d) 3

92. Which of the following is the largest?

- a) 0.25 b) 0.5 c) **0.75** d) 0.6

93. The perimeter of a square with side 5 cm is:

- a) 10 cm b) **20 cm** c) 15 cm d) 25 cm

94. Which is the only even prime number?

- a) 3 b) 5 c) **2** d) 7

95. The product of any number and zero is:

- a) 1 b) The number itself c) **0** d) Infinite

96. Which shape has exactly two parallel sides?

- a) Square b) **Trapezium** c) Rectangle d) Pentagon

97. The line joining two points on a circle is called:

- a) Radius b) **Chord** c) Diameter d) Tangent

98. Which number is a factor of both 10 and 15?

- a) 3 b) **5** c) 4 d) 6

99. Which unit is used to measure time?

- a) Gram b) **Second** c) Litre d) Metre

100. A figure with all sides equal and all angles equal is:

- a) Rectangle b) **Square** c) Rhombus d) Parallelogram

101. Which number is a multiple of both 3 and 8?

- a) 12 b) 18 c) **24** d) 15

102. The value of 9^2 is:

- a) 18 b) **81** c) 27 d) 72

103. Which shape has only one pair of equal sides?

- a) **Kite** b) Square c) Rectangle d) Rhombus

104. The sum of 0.4 and 0.6 is:

- a) 0.9 b) **1.0** c) 1.1 d) 0.8

105. Which is the largest unit of length?

- a) Millimetre b) Metre c) **Kilometre** d) Centimetre

106. Which of these is a solid shape?

- a) Triangle b) Square c) Cone d) Circle

107. Which number is greater?

- a) 0.35 b) 0.41 c) 0.45 d) 0.40

108. The sum of the angles in a pentagon is:

- a) 360° b) 540° c) 720° d) 900°

109. The line segment from the centre of a circle to any point on the circle is:

- a) Radius b) Diameter c) Chord d) Arc

110. Which number is a multiple of 9?

- a) 14 b) 18 c) 15 d) 20

111. Which of these is not a polygon?

- a) Triangle b) Circle c) Square d) Hexagon

112. A quadrilateral with all right angles is:

- a) Rhombus b) Rectangle c) Kite d) Trapezium

113. The decimal form of $\frac{3}{4}$ is:

- a) 0.34 b) 0.75 c) 0.7 d) 0.8

114. Which is the smallest factor of 12?

- a) 1 b) 2 c) 3 d) 4

115. Which number is divisible by both 2 and 9?

- a) 12 b) 18 c) 20 d) 15

116. Which of the following is a prime number?

- a) 9 b) 15 c) 13 d) 21

117. The perimeter of a triangle with sides 3 cm, 4 cm, and 5 cm is:

- a) 10 cm b) 12 cm c) 15 cm d) 14 cm

118. A straight angle measures:

- a) 90° b) 270° c) 180° d) 360°

119. Which fraction is equal to 0.25?

- a) $\frac{1}{3}$ b) $\frac{1}{4}$ c) $\frac{2}{3}$ d) $\frac{3}{4}$

120. Which is the largest among $\frac{2}{3}$, $\frac{3}{5}$, and $\frac{4}{5}$?

- a) $\frac{2}{3}$ b) $\frac{3}{5}$ c) $\frac{4}{5}$ d) $\frac{1}{2}$

121. Which number is a perfect cube?

- a) 8 b) 27 c) 16 d) 20

122. A polygon with 7 sides is called:
a) Hexagon b) Heptagon c) Octagon d) Nonagon
123. The sum of 200 and 300 is:
a) 400 b) 500 c) 600 d) 450
124. Which is the Roman numeral for 500?
a) L b) C c) D d) M
125. Which number is both even and prime?
a) 1 b) 3 c) 2 d) 5
126. Which is the smallest 3-digit number?
a) 110 b) 100 c) 101 d) 111
127. The product of two odd numbers is always:
a) Even b) Odd c) Prime d) Composite
128. Which number is the largest?
a) 0.88 b) 0.8 c) 0.9 d) 0.89
129. The shape of the base of a cylinder is:
a) Square b) Circle c) Triangle d) Rectangle
130. The sum of 8 and 0 is:
a) 0 b) 8 c) 16 d) 1
131. Which is the greatest factor of 30?
a) 10 b) 15 c) 30 d) 20
132. A polygon with 4 equal sides and no right angles is:
a) Square b) Rhombus c) Rectangle d) Kite
133. Which number is divisible by both 4 and 5?
a) 12 b) 15 c) 20 d) 25
134. The decimal form of $\frac{1}{10}$ is:
a) 0.01 b) 0.1 c) 0.001 d) 1.1
135. The shape with all sides equal and all angles 60° is:
a) Square b) Equilateral triangle
c) Rhombus d) Rectangle
136. Which is the smallest multiple of 5?
a) 0 b) 5 c) 10 d) 15
137. Which number is greater?
a) 3.1 b) 3.45 c) 3.5 d) 3.49

138. A solid shape with six rectangular faces is called:

- a) Cube b) Cuboid c) Cone d) Cylinder

139. Which is the largest two-digit prime number?

- a) 91 b) 89 c) 97 d) 99

140. The product of 9×0 is:

- a) 9 b) 1 c) 0 d) 90

141. The number that comes after 0.99 is:

- a) 0.100 b) 1.0 c) 0.9 d) 1.1

142. Which number is both a factor and multiple of 6?

- a) 2 b) 6 c) 3 d) 1

143. The number of degrees in a complete circle is:

- a) 180° b) 360° c) 270° d) 90°

144. Which is the smallest odd number?

- a) 0 b) 1 c) 2 d) 3

145. The value of 6×6 is:

- a) 12 b) 18 c) 36 d) 26

146. Which number is divisible by 2, 3, and 5?

- a) 15 b) 20 c) 30 d) 25

147. Which unit is used to measure weight?

- a) Litre b) Kilogram c) Metre d) Centimetre

148. A figure with all sides equal but no right angles is called:

- a) Square b) Rhombus c) Rectangle d) Parallelogram

149. The reciprocal of 4 is:

- a) 4 b) $\frac{1}{4}$ c) $\frac{4}{1}$ d) 0.4

150. Which is the smallest prime number greater than 10?

- a) 12 b) 11 c) 13 d) 15

151. The Roman numeral for 90 is:

- a) XC b) XC c) CX d) LX

152. Which shape has only three sides?

- a) Rectangle b) Triangle c) Square d) Circle

153. The sum of 200, 300, and 500 is:

- a) 800 b) 1000 c) 900 d) 1200

154. Which is the smallest factor of 20?

- a) 1 b) 2 c) 4 d) 5

155. Which number is a multiple of 12?

- a) 15 b) 20 c) 24 d) 25

156. Which fraction is equal to 0.75?

- a) $\frac{3}{5}$ b) $\frac{3}{4}$ c) $\frac{1}{2}$ d) $\frac{2}{3}$

157. The product of any number and one is:

- a) 0 b) The number itself c) 2 d) Infinity

158. Which is the largest one-digit number?

- a) 8 b) 9 c) 7 d) 6

159. A shape with all sides equal and all angles equal is:

- a) Rectangle b) Square c) Rhombus d) Parallelogram

160. Which number is an odd multiple of 7?

- a) 14 b) 21 c) 21 d) 28

161. The sum of 0.2 and 0.8 is:

- a) 0.9 b) 1.0 c) 1.1 d) 0.8

162. A triangle with all three sides different is:

- a) Isosceles b) Scalene c) Equilateral d) Right



Good
Luck



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