

CLASS 3: MATH OLYMPIAD SAMPLE PAPER

1. Write the numerical form of five thousand three hundred fifty-three?

- A) 5,353
- B) 3,535
- C) 50,353
- D) 50,535

2. How do you write 9,999 in word format?

9999

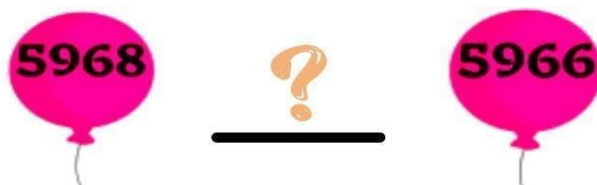
- A) Nine thousand nine hundred ninety-nine
- B) Nine hundred ninety-nine
- C) Ninety-nine hundred
- D) All of above

3. Fill in the blank with the appropriate symbol?



- A) > {Greater than}
- B) < {Less than}
- C) = {equal to}
- D) 0 {zero}

4. Fill in the blank with the appropriate symbol?



- A) > {Greater than}
- B) < {Less than}
- C) = {equal to}
- D) 0 {zero}

Use the picture below and answer the question? (5 to 9)

5. Which number in the row, if arranged in ascending order, will come second?



- A) 7,456
- B) 8,264
- C) 8,947
- D) 9,999

6. Which number will come last in the row if arranged in ascending order?

- A) 7,456
- B) 8,264
- C) 8,947
- D) 9,999

7. If the numbers are arranged from the largest to the smallest number. Which number will come first?

- A) 7,456
- B) 8,264
- C) 8,947
- D) 9,999

8. Which number will come last if arranged in descending order?

- A) 7,456
- B) 8,264
- C) 8,947
- D) 9,999

9. Perform the mathematical operations given below and choose the most appropriate option for the answer obtained.



$$7468 - 6328 = 28$$

- A) Even
- B) Odd
- C) Can't say
- D) Prime

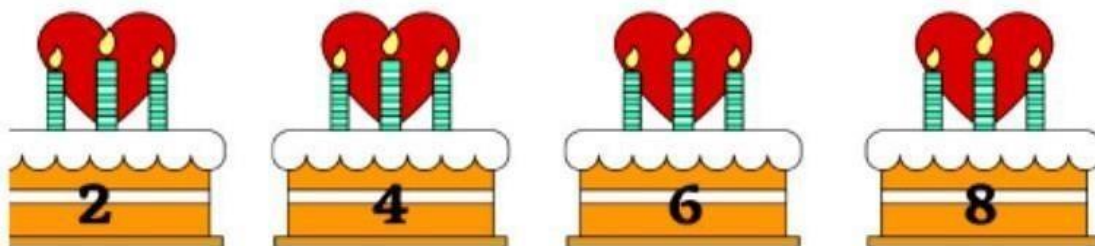
10. Add numbers and answer even or odd?



$$7239 + 239 + 528 + 928 + 328 + 429 + 500$$

- A) Eve
- B) Odd
- C) Prime
- D) Can't say

11. Which of the following is a Prime Number?



- A) 2
- B) 4
- C) 6
- D) 8

12. If the date on 2nd Friday is 14, which date will be on 1st Friday?

- A) 4
- B) 7
- C) 6
- D) 8

13. Select the odd one out?



- A) 9,946
- B) 9,947
- C) 9,942
- D) 9,944

14. Select the odd one out?



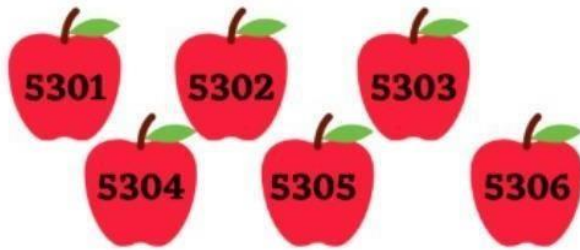
- A) 4,333
- B) 4,444
- C) 3,333
- D) 5,333

15. Complete the sequence by putting the correct number in the blank space.



- A) 9,925 B) 9,935 C) 9,920 D) 9,918

16. How many odd numbers are there in the given?



- A) 3
- B) 4
- C) 2
- D) 5

17. Which is the greatest number that can be made using the digit?

5, 6, 7, 9, 0



- A) 56,790
- B) 97,650
- C) 09,765
- D) 76,509

18. A packet of chips contains 44 chips. How many chips can be packed in 33 packets?

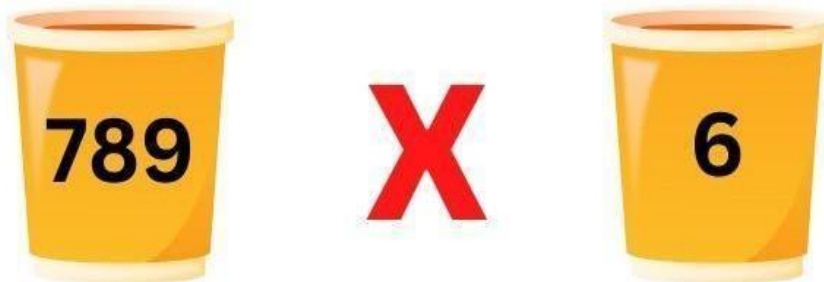


- A) 1,452
- B) 1,542
- C) 3,344
- D) 5,421

19. There are 520 students in the school containing 20 classrooms. How many students can sit in each classroom?

- A) 28
- B) 26
- C) 46
- D) 23

20. Solve the following expression and select the correct option?


$$789 \times 6$$

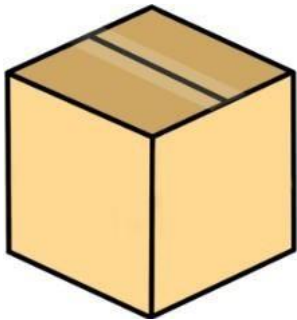
- A) 4,788
- B) 4,734
- C) 4,988
- D) None of the above

21. Solve the following equation?


$$9999 - 8329 = ? + 1108$$

- A) 564
- B) 563
- C) 562
- D) 561

22. Alex counted 190 apples in a single box, in total there are 5 boxes. How many apples are there in all the boxes together?

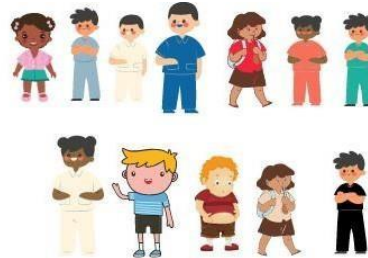


1 BOX = 190 APPLES



- A) 950
- B) 910
- C) 935
- D) None of these

23. John has 36 flowers. He wants to distribute these equally among 12 friends. How many flowers will each of his friends get?



- A) 3
- B) 6
- C) 12
- D) 36

24. Select the odd one out.

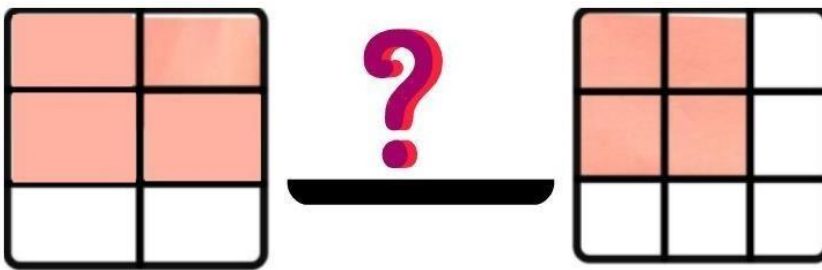


- A) $\frac{2}{14}$
- B) $\frac{3}{14}$
- C) $\frac{4}{14}$
- D) $\frac{2}{13}$

25. Select the correct option.

- A) $50-25=20$
- B) $43-23=20$
- C) $37-12=20$
- D) $28-12=20$

26. Fill in the blank?



- A) $>$ {Greater than}
- B) $<$ {Less than}
- C) $=$ {equal to}
- D) 0 {zero}

27. Which fraction will come first if arranged in ascending order?



- A) $1/2$
- B) $2/3$
- C) $1/5$
- D) can't say

28. Which fraction will come in the middle if arranged in ascending order?

$$\frac{1}{2}, \frac{2}{3}, \frac{1}{5}, \frac{\text{CAN'T}}{\text{SAY}}$$

- A) $\frac{1}{2}$
- B) $\frac{2}{3}$
- C) $\frac{1}{5}$
- D) can't say

29. One-third part of the garden has red flowers and another one-third has pink flowers. What fraction of the garden is empty?



- A) 0
- B) $\frac{1}{3}$
- C) $\frac{2}{3}$
- D) 1

30. Johan earned \$2,550 from his summer job. He needs to buy 4 new tires for his car priced at \$85 each. He estimates his other expenses are going to add up to \$1,500. How much money can he expect to save during the summer job?



- A) Between \$ 400 to \$ 500
- B) Between \$700 to \$800
- C) Between \$320 to \$420
- D) between \$920 to \$1,030

31. Merry bought a Cadbury for \$9.45. If she gave \$10 to the shopkeeper, what amount would be returned by the shopkeeper?



- A) \$0.70
- B) \$0.55
- C) \$0.30
- D) \$0.50

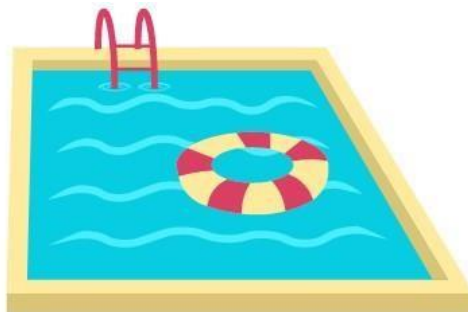
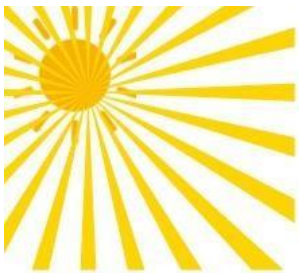
(32 to 33) Does this happen in A.M. or P.M.?

32. Watching Television after school?



- A) A.M.
- B) P.M.
- C) Both of the above
- D) None of the above

33. Swimming training happens in?



- A) A.M.
- B) P.M
- C) Both of the above
- D) None of the above

34. Sunset happen in?



- A) A.M.
- B) P.M
- C) Both of the above
- D) None of the above

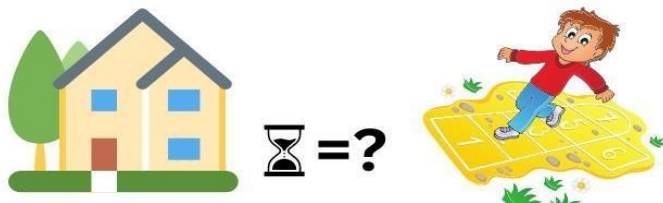
35. In a leap year there are days.

- A) 365
- B) 366
- C) 364
- D) can't day

36. The year 2004 was a leap year. State the next leap year?

- A) 2005
- B) 2006
- C) 2007
- D) 2008

37. David left home at 4.30 pm to meet his friend. He came back after 3 hrs 25 min. At what time did he come back?



- A) 7:55 am
- B) 7:55 pm
- C) 7:30 pm
- D) 7:30 am

38. Work out elapsed time between the times on the two clocks?



- A) 15 minutes
- B) 30 minutes
- C) 45 minutes
- D) 35 minutes

39. Tom uses a ruler to measure the length of the toy car. Tom thinks the car is 7.5 cm long. Is Tom right?



- A) Yes
- B) No
- C) Can't say
- D) Sometimes yes

40. Use the correct option?



- A) < {Less than}
- B) > {Greater than}
- C) = {Equal to}
- D) Can't say

41. Find the missing side?



- A) 24 cm
- B) 50 cm
- C) 12cm
- D) Can't say

42. How many faces are there for a 3D square-based pyramid?



- A) 5
- B) 2
- C) 7
- D) 8

43. How many edges are there for a 3D square-based pyramid?

- A) 5
- B) 2
- C) 7
- D) 8

Solve the questions using pictures. (44 and 45)



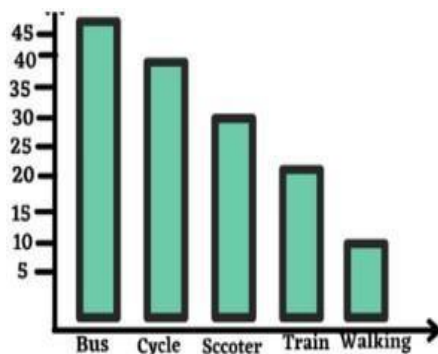
44. How many lesser pizzas were sold on Friday than Thursday?

- A) 3
- B) 4
- C) 5
- D) 9

45. On which day has the highest number of pizzas sold?

- A) Monday
- B) Friday
- C) Sunday
- D) Tuesday

Using a bar graph and answer the given questions (46 to48).



46. How many students ride their cycle to school?

- A) 5
- B) 10
- C) 15
- D) 40

47. The total number of students went to school by cycle, scooter, and bus?

- A) 50
- B) 115
- C) 30
- D) 60

48. How do most students get to school?

- A) Bus
- B) Train
- C) Walking
- D) Scooter

49. If one pencil costs \$ 2 what is the cost of 5 pencils?

- A) \$10
- B) \$15
- C) \$20
- D) \$25

50. Tina has a rope of length 48m. She cuts it into 6 equal pieces. How long is each piece of rope?

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

51. How do we write 400 in words?

400

- A) Four
- B) Forty
- C) Four hundred
- D) None of the above

52. How do we write 568 in words?

568

- A) Five hundred
- B) Sixty-eight
- C) Five hundred sixty
- D) Five hundred and sixty-eight

53. There are 45 flowers on each quilt. About how many flowers there are on 550 such quits?

- A) 24,720 B) 24,730 C) 24,740 D) 24,750

54. How do we write 639 in words?

639

- A) Six hundred
- B) Thirty-nine
- C) Six thousand and thirty- nine
- D) Six hundred and thirty-nine

55. How do we write 489 in words?

489

- A) Four hundred
- B) Forty hundred eighty
- C) Four hundred and eighty-nine
- D) Eighty-nine

56. How do we write 349 in words?A0A

349

- A) Three hundred
- B) Forty nine
- C) Three hundred and forty nine
- D) Hundred

57. Write in number: Six hundred

- A) 6
- B) 100
- C) 106
- D) 600

58. Write in number: Nine hundred forty-two

- A) 942
- B) 900
- C) 42
- D) None of the above

59. Write in number: Three thousand five hundred

- A) 35
- B) 100
- C) 3,000
- D) 3,500

60. Write in number for: Two thousand twelve

- A) 2000
- B) 2021
- C) 212
- D) 2012

61. A number that comes after 43 and before 45, find if it is an even or odd number.

434445

- A) Even
- B) Odd
- C) Prime
- D) None of the above

62. If boiling point of water and alcohol are 100 and 78 degree Celsius respectively then which liquid will boil first?

- A) Water
- B) Alcohol
- C) Both liquid boil simultaneously
- D) Can't say

63. If a tap can fill 10 liter bucket in 5 minutes then how much time will it require to fill 20 liter bucket?



- A. 5 minutes
- B. 7 minutes
- C. 9 minutes
- D. 10 minutes

64. If Alex is taller than Jack, Jack is taller than Ben, then who is shortest among three?

- A. Alex
- B. Jack
- C. Ben
- D. Can't say

65. For a school annual function, 500 chairs are needed to be arranged in 20 rows. So how many chair we can arrange in a single row?

- A. 10
- B. 20
- C. 25
- D. 30

66 .A plastic bag contains 100g of Almonds and 300g of Cashews. If the weight of the plastic bag is negligible, then what is the total weight of Nuts?



- A. 600g
- B. 400g
- C. 200g
- D. 100g

67. Select the correct option.

- A. $7+5=13$
- B. $7-5=3$
- C. $7*5=35$
- D. $7/5=2$

68. If the month of May has its first day as Saturday then the first Monday will come on _____?

- A. 3rd May
- B. 4th May
- C. 5th May
- D. 6th May

69. How many sides does a Rectangle have?

- A. 3
- B. 4
- C. 5
- D. 6

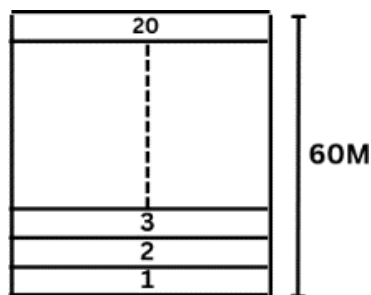
70. If the total carrying capacity of a freezer is 10kg then how many ice cream packets of 500g can be placed in it?

- A. 5
- B. 10
- C. 15
- D. 20

71. Arrange the fractions in ascending order: $\frac{3}{5}$, $\frac{1}{2}$, $\frac{4}{7}$?

- A. $\frac{4}{7}$, $\frac{1}{2}$, $\frac{3}{5}$
- B. $\frac{1}{2}$, $\frac{3}{5}$, $\frac{4}{7}$
- C. $\frac{4}{7}$, $\frac{3}{5}$, $\frac{1}{2}$
- D. $\frac{1}{2}$, $\frac{4}{7}$, $\frac{3}{5}$

72. A 20 story building has 60m as its total height. Find the height of a single story?



- A. 2m
- B. 3m
- C. 4m
- D. 5m

73. Which of the following inequalities is correct?

- A. $\$2.50 < \2.30
- B. $\$3.10 < \3.15
- C. $\$4.25 = \4.20
- D. $\$3.50 > \3.55

74. If a storage shelf can hold a maximum weight of 15 kilograms, and each textbook weighs 1.5 kilograms, how many textbooks can you place on the shelf?

- A. 5
- B. 7
- C. 10
- D. 12

75. A water tank has 1000 liter capacity but it is filled only with 360 liter of water then how many more liters of water is required to fill the tank completely?

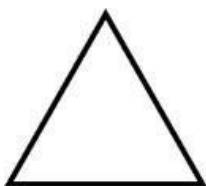


- A. 500 liter
- B. 600 liter
- C. 640 liter
- D. 700 liter

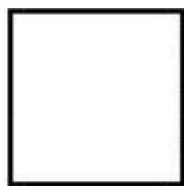
76. Simplify: $(3+2)*5$

- A. 15
- B. 20
- C. 25
- D. 30

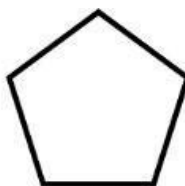
77. Which of the following figure have minimum number of sides?



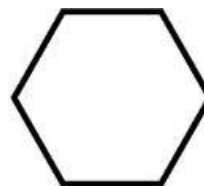
(A)



(B)



(C)

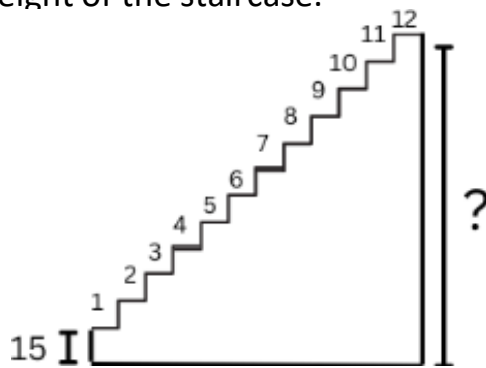


(D)

78. Which one of the following has no corner?

- A. Triangle
- B. Circle
- C. Quadrilateral
- D. Rectangle

79. A staircase contains 12 steps each of 15cm height then calculate the total height of the staircase.



- A. 100cm
- B. 150cm
- C. 180cm
- D. 200cm

80. Kim watched football match from 2.00 p.m. to 3.30 p.m. How long did he watch the match?

- A. 100minutes
- B. 150minutes
- C. 90 minutes
- D. 180minutes

81. If 'Snake' is called 'Fish', 'Fish' is called 'Parrot' and 'Parrot' is called 'Dog', then who lives in water?

- A. Snake
- B. Fish
- C. Parrot
- D. Dog

82. Salmon wants to buy a headphone set worth \$210. He saves \$70 per week then how many weeks will he take to buy the headphone set?
- A. 6
 - B. 5
 - C. 4
 - D. 3
83. How many straight lines are required to draw a Quadrilateral?
- A. 2
 - B. 3
 - C. 4
 - D. 5
84. If you measure the length of a pencil using a ruler and it reads 17 centimeters, how long is the pencil in millimeters?
- A. 17 millimeters
 - B. 170 millimeters
 - C. 1.7 millimeters
 - D. 1700 millimeters
85. If a carpenter requires 15 hours to make a wooden furniture piece then how much time he will require to make 5 such furniture pieces?
- A. 50 hours
 - B. 60 hours
 - C. 65 hours
 - D. 75 hours
86. Benjamin's father gave him \$500. He bought a video game of \$275. How much money is left with him?
- A. More than 300
 - B. Less than 300 but more than 200
 - C. Equal to 300
 - D. Less than 200

87. Which of the following vehicles have 4 wheels?

- A. Bus
- B. Bicycle
- C. Car
- D. Scooter

88. Fill in the blanks with the correct option.

$$8+8+8+8+8+8+8 = 8 \times \dots? \dots = 56$$

- A. 7
- B. 8
- C. 9
- D. 10

89. If a delivery boy can deliver 20 pizzas in a day and has a salary of \$3 per pizza then how much money he can earn at the end of month of July?

- A. \$3,230
- B. \$4,000
- C. \$1,860
- D. D.\$5,180

90. What is the expanded form of 1,234?



- A) 1000+ 34
- B) 1000+200+ 3+4
- C) 1000+ 200
- D) 1000+200+30+4

91. What is the expanded form of 2,341?

- A) 1000 + 2141
- B) 2000+ 300+40+1
- C) 2000+ 340
- D) 2000+ 41

92. Leona skip counted by five. She started at 30, could she have said the number 75?

30, 35, 40...

- A) Yes
- B) No
- C) Partially yes
- D) Can't say

93. Tracy started at 34. She skipped counting till she reached 68. Which of these numbers could she have skipped counting by?

- A) 3
- B) 2
- C) 10
- D) 5

94. Manila started at 55. She skipped counting till she reached 100. Which of these numbers could she have skipped counting by?

- A) 3
- B) 2
- C) 4
- D) 5

95. What is $3,420 - 2,000$?

- A) 2,400
- B) 3,400
- C) 1,420
- D) All of the above

96. What is $7,830 - 3,430$?

- A) 7,830
- B) 4,400
- C) 7,495
- D) 6,742

97. What do we get if we subtract four thousand nine hundred from fivethousand nine hundred?

$$5900 - 4900 = ?$$

- A) 2000
- B) 900
- C) 1000
- D) 100

98. What do we get if we add three thousand eleven and four thousand sixhundred?

- A) 7000
- B) 7611
- C) 8000
- D) None of the above

99. What do we get if we subtract fifteen hundred twelve from threethousand four?

$$3004 - 1512 = \underline{\quad}$$

- A) 1400
- B) 1492
- C) 492
- D) 1234

100. Find the product: $7 * 10$

- A) 60
- B) 70
- C) 39
- D) 30

101. Find the product: $10 * 3$

- A) 20
- B) 30
- C) 10
- D) 39

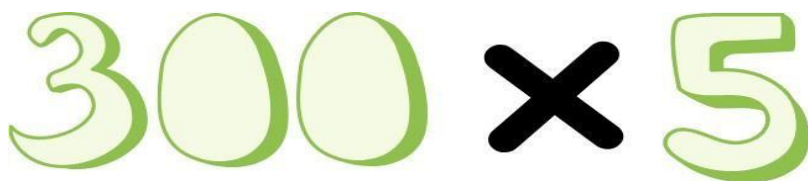
102. What do we get if we multiply 56 by 1?

- A) 34
- B) 561
- C) 61
- D) 56

103. What do we get if we multiply 23 by 1?

- A) 23
- B) 1
- C) 231
- D) None of the above

104. 300×5



300×5

- A) 1500
- B) 150
- C) 3005
- D) 235

105. June is the ----- month of the year?

- A) 2nd
- B) 6th
- C) 4th
- D) 7th

106. October is the-----month of the year.

- A) 2nd
- B) 4th
- C) 9th
- D) 10th

107. Mary's 34th birthday is next month. How old is Mary this month?

- A) 33 years
- B) 34 years
- C) 35 years
- D) 30 years

108. John celebrated his 32nd birthday last month. How old is John this month?

- A) 31 years
- B) 32 years
- C) 23 years
- D) 33 years

109. Joshua came 14th in the competition of 30 people. How many people did better than Joshua?



- A) 13
- B) 12
- C) 15
- D) None of the above

110. Myra will turn 13 in three months. What is her age right now?

- A) 12 old
- B) 13 old
- C) 14 old
- D) 10 old

111. Sansa stood 4th in a competition of 60 people. How many did better than her?

- A) 2
- B) 3
- C) 1
- D) 0

112. Swetlana stood 1st in the class of 40 students in a math test. How many students did worse than her?



- A) 1
- B) 2
- C) 40
- D) 39

113. Write the clock time given in words: 5 o'clock

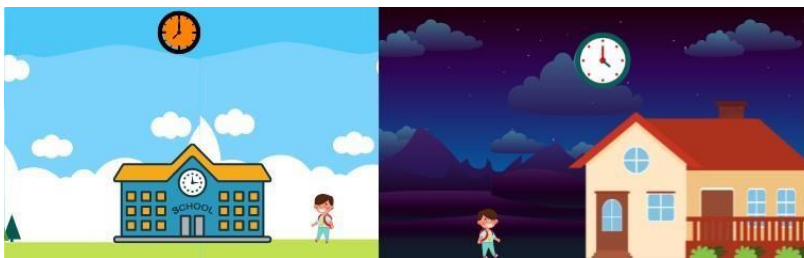


- A) 5:00
- B) 50:00
- C) 4:00
- D) 6

114. Write the clock time given in words: Half past 12.

- A) 12:30
- B) 12:00
- C) 1:00
- D) None of the above

115. Sharon went to school at 8 in the morning. She returned from school after 5 hours. At what time did she return from school?



- A) 1 A.M.
- B) 1 P.M.
- C) 2 A.M.
- D) 2 P.M.

116. Vivian went to piano class at 5 in the evening. He spent two hours at the piano. After that, he went on a bicycle ride with his friend. He returned home at 8 in the evening. How much time did Vivian spend outside?

- A) Three hours
- B) Two hours
- C) One hour
- D) Four hours

117. Harry went to buy stationery at 3 P.M. If he spent 2 hours outside, at what time did he come home?

- A) 5 A.M
- B) 5 P.M
- C) 6 A.M.
- D) 6 P.M.

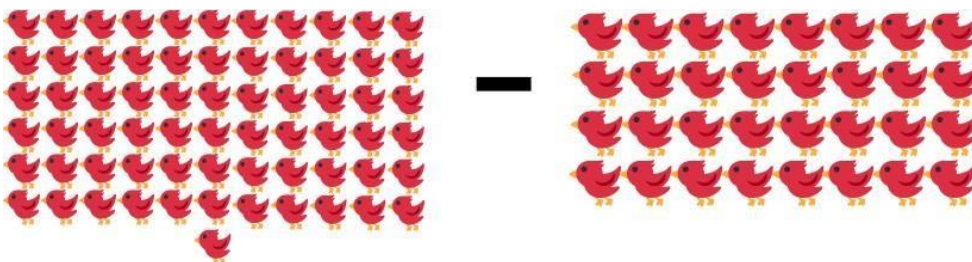
118. Kylie went to school at 8 in the morning. After school, she went to her dance class at 3. She was at the dance class for an hour and after that, she came home. How much time did she spend outside?

- A) 8 hrs.
- B) 7 hrs.
- C) 1 hrs.
- D) 11 hrs.

119. Mark went to eat ice cream with his friend Calvin. He came back after three hours. If he left his house at 5.00 in the evening. When did he come back?

- A) 5 A.M.
- B) 5 P.M.
- C) 8 A.M.
- D) 8 P.M.

120. Near the mountain 67 bird families were living. If 32 bird families flew away for the winter, how many bird families were left near the mountain?

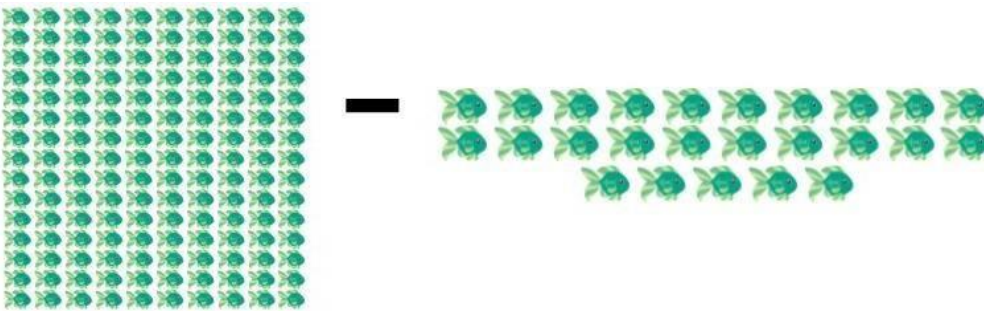


- A. 35
- B. 31
- C. 20
- D. 14

121. If there were 45 tigers in a zoo. The zoo officers transferred 14 tigers to another zoo. How many tigers are left in the zoo?

- A) 30
- B) 31
- C) 34
- D) None of the above

122. There were 150 fish in a pond. Some fishermen caught 25 of them. How many fish are left in the pond?



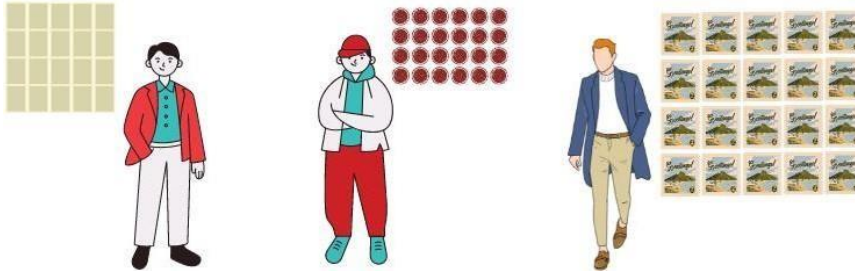
- A) 125
- B) 142
- C) 134
- D) All the options are wrong

123. Jasmine and her mom went to the grocery to buy some food. Her mom gave her \$100 to spend. Since Jasmine loves fruits, she went to the fruits section first. She bought apples and oranges worth \$15. From the original \$100 given by her mom, how much money was left?



- A) \$85
- B) \$12
- C) \$35
- D) \$82

124. Simon, Mark, Kevin, and Carl love collecting stamps. They meet up every month to compare and share their collections. During the previous month, Kevin was able to collect 45 stamps while Simon was only able to collect 27. How many more stamps does Kevin have than Simon?



- A) 14
- B) 18
- C) 19
- D) 20

125. A science teacher has \$ 37,400 to buy books, how many books can he buy if one book costs \$ 550?

- A) 60
- B) 65
- C) 68
- D) 67

● ANSWER KEY

QUESTION NO.	ANSWER
1	A
2	A
3	B
4	A
5	B
6	D
7	D
8	A
9	A
10	B
11	A
12	B
13	B
14	B
15	C
16	A
17	B
18	A
19	B
20	B
21	C
22	A
23	A
24	D
25	B
26	C
27	A
28	B
29	B
30	B
31	B
32	B
33	C
34	B
35	B
36	D
37	B
38	B
39	A
40	B

QUESTION NO.	ANSWER
41	B
42	A
43	D
44	C
45	C
46	D
47	B
48	A
49	A
50	B
51	C
52	D
53	D
54	D
55	C
56	C
57	D
58	A
59	D
60	D
61	A
62	B
63	D
64	C
65	C
66	B
67	C
68	A
69	B
70	D
71	D
72	B
73	B
74	C
75	C
76	C
77	A
78	B
79	C
80	C

ANSWER KEY

QUESTION NO.	ANSWER
81	C
82	D
83	C
84	B
85	D
86	B
87	A
88	A
89	C
90	D
91	B
92	A
93	B
94	D
95	C
96	B
97	C
98	B
99	B
100	B
101	B
102	D
103	A
104	A
105	B
106	D
107	A
108	B
109	A
110	A
111	B
112	D
113	A
114	A
115	B
116	C
117	B
118	A
119	D
120	A

QUESTION NO.	ANSWER
121	B
122	A
123	A
124	B
125	C