



CREST Mental Maths Olympiad (CMMO)

Previous Year Paper

Class 2

Time Allowed: 1 hour

Maximum Marks: 240

- Additional **10 minutes** will be allotted to fill up information on the OMR Sheet, before the start of the exam.
- Fill in all the mandatory fields clearly on the OMR Sheet.
- There are a total of **60 questions** in this booklet comprising **2 sections** namely the **Basique and Avance** consisting of **40 questions (3 mark each) & 20 questions (6 marks each)**, respectively.
- There's a **negative marking** of 1/3rd marks for every wrong answer. The use of a calculator is not permitted.
- There is **only ONE correct option** to a given question.
- Use **HB Pencil or Blue / Black ball point pen only** for marking the correct choice of answers on the OMR Sheet.
- Rough work is to be done in the space provided in the test booklet. An extra plain sheet may be provided by the school for the rough work.
- The OMR Sheet is to be handed over to the invigilator at the end of the exam.
- No candidate is allowed to carry any textual material, printed or written, bits of paper, any electronic device, etc. inside the examination hall.
- The use of unfair means may result in the cancellation of the exam. Any such instances may be reported at **+91-98182-94134** or **info@crestolympiads.com**

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

FILL IN THE DETAILS

Candidate Name: _____

Class: _____ Section: _____

CREST ID: _____

Basique (Each Question is 3 Marks)

1. How many donuts are there?



- a. **Eleven** b. **Twelve**
c. **Thirteen** d. **Fourteen**

2. Which of the following is the number name for the successor of 79?

- a. **Seventy eight** b. **Eighty**
c. **Eighty one** d. **Eighty two**

3. What comes before seventy-eight?

- a. **70** b. **76**
c. **77** d. **79**

4. Which of the following shows the correct descending order of numbers?

- a. **71 > 7 > 17 > 27** b. **71 > 27 > 17 > 7**
c. **71 < 27 < 17 < 7** d. **71 < 17 < 27 < 7**

5. What is the sum of the place values of number four in the numbers 48, 40, and 34?

a. 40

b. 44

c. 84

d. 88

6. Fill in the blank:

$$28 + 16 + 12 = \underline{\quad}$$

a. 44

b. 46

c. 56

d. 58

7. Fill in the blank:

$$72 - 35 = \underline{\quad}$$

a. 37

b. 39

c. 47

d. 107

8. Which of the following is the correct number statement for the given picture?



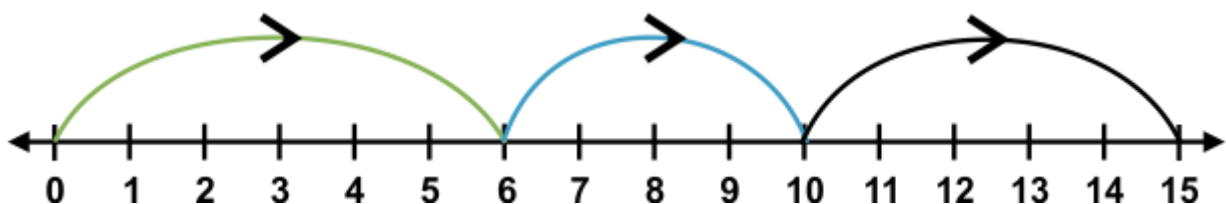
a. $5 + 4 = 9$

b. $5 + 5 = 10$

c. $5 + 6 = 11$

d. $6 + 6 = 12$

9. Find the sum from the number line.



a. **6**

b. **10**

c. **12**

d. **15**

10. Which of the following shows the result of 63 subtracted from 81?

a. **16**

b. **18**

c. **19**

d. **21**

11. Fill in the blank:

$$14 + 16 + 27 = \underline{\quad} + 14 + 16$$

a. **14**

b. **16**

c. **27**

d. **32**

12. What digit will come in the place of X and Y?

$$\begin{array}{r} X6 \\ + 25 \\ \hline 4Y \\ \hline \end{array}$$

a. **X = 1, Y = 1**

b. **X = 2, Y = 1**

c. **X = 2, Y = 0**

d. **X = 2, Y = 2**

13. What is X - Y?

$$\begin{array}{r} Y4 \\ - 46 \\ \hline 2X \end{array}$$

a. 0

b. 1

c. 2

d. 3

14. Fill in the blank:

$$6 \times 5 = \underline{\hspace{2cm}}$$

a. $6 + 6 + 6$

b. $6 + 6 + 6 + 6$

c. $6 + 6 + 6 + 6 + 6$

d. $6 + 6 + 6 + 6 + 6 + 6$

15. How many 7s make 35?

a. 3

b. 4

c. 5

d. 6

16. There are 3 cars parked in the parking area. How many wheels are there?

a. 4

b. 12

c. 14

d. 16

17. How many groups 3 bananas are there?



a. 3
c. 6

b. 4
d. 5

18. How many pairs of socks are there?



a. 5
c. 7

b. 6
d. 8

19. How many groups of 4 hearts are there?



a. 3
c. 5

b. 4
d. 6

20. Which of the following is a multiple of 3?

a. 21
c. 25

b. 23
d. 28

21. What will be the next number in the series?

75, 70, 65, 60, ?

a. 50

b. 53

c. 55

d. 57

22. What number is half of 60?

a. 10

b. 20

c. 25

d. 30

23. Fill in the blank:

$\frac{1}{2}$ of 18 = _____

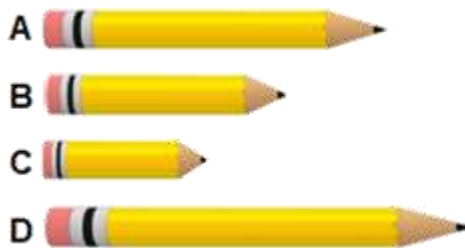
a. 9

b. 10

c. 11

d. 12

24. Which of the following is the correct descending order of the length of the pencils?



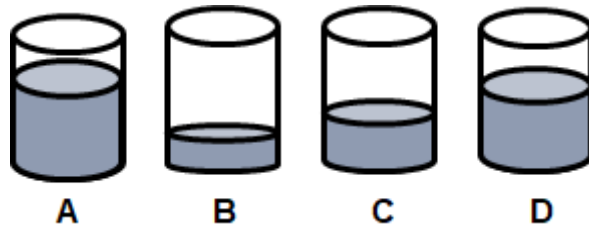
a. $D > A > B > C$

b. $D < A < B < C$

c. $A > D > B > C$

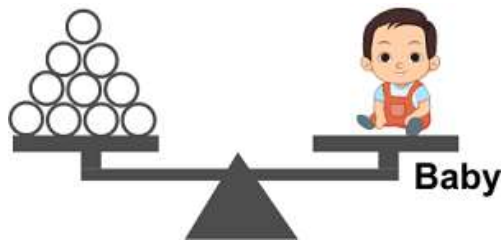
d. $A < D < B < C$

25. Which of the following statements is correct based on the volume of liquid in the given picture?



- a. $D < B < A < C$ b. $D < B < C < A$
c. $B < D < C < A$ d. $B < C < D < A$

26. Fill in the blank:
The baby weighs _____ balls.



- a. 8 b. 9
c. 10 d. 11

27. What is the time shown in the clock?



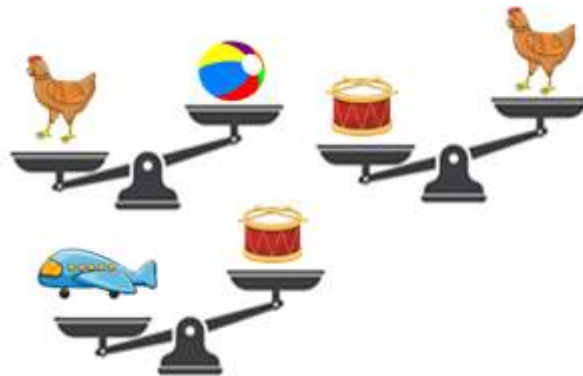
- a. 5:30 b. 6:30
c. 7:30 d. 8:30

28. How much amount of liquid is in the container?



- a. **500 ml** b. **650 ml**
c. **750 ml** d. **1 litre**

29. Which of the following is the lightest?



- a.  b. 
c.  d. 

30. If a teddy costs \$ 7 and a toy car costs \$ 9, what is the total cost?

- a. **\$12** b. **\$15**
c. **\$16** d. **\$18**

31. The length of 2 plants A and B is 96 cm and 132 cm respectively. How much taller is plant B than plant A?

a. 32 cm

b. 36 cm

c. 42 cm

d. 46 cm

32. What could be the time if you are eating dinner?

a. 8:30 am

b. 8:30 pm

c. 1:00 pm

d. 2:00 pm

33. Fill in the blank:

3 hours = _____ minutes

a. 120

b. 160

c. 180

d. 200

34. Kathy went to the shopping mall and purchased a bar of chocolate worth 12 cents, a clutch worth 33 cents, and a hair clip worth 10 cents. How much money did he spend in total?

a. 28 cents

b. 30 cents

c. 50 cents

d. 55 cents

35. If Julia starts her dance practice at 5:30 pm and practices for one and a half hours, at what time will her dance practice end?

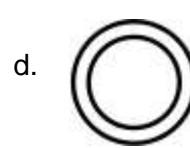
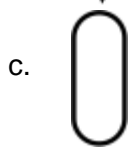
a. 6:30 pm

b. 6:45 pm

c. 7:00 pm

d. 7:15 pm

36. Which of the following is made up of only straight lines?



37. Fill in the blank:



38. How many triangles are there?



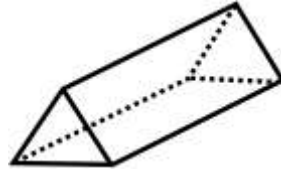
a. 1

b. 2

c. 3

d. 4

39. What is the name of the shape in the given picture?



- a. Cone
- b. Triangular Prism
- c. Square Pyramid
- d. Sphere

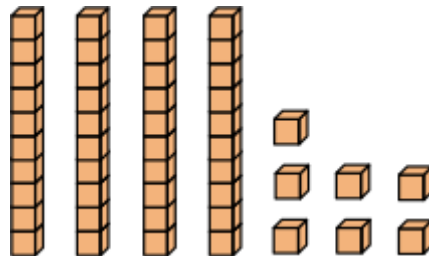
40. Which of the following has only one curved surface and no vertices?

- a. Cube
- b. Cuboid
- c. Sphere
- d. Cone

Advance (Each Question is 6 Marks)

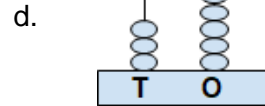
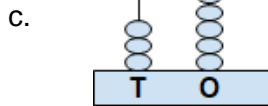
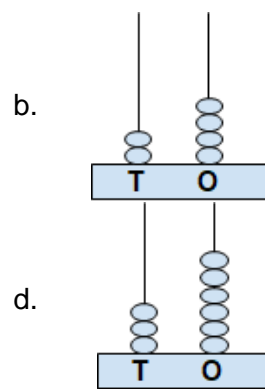
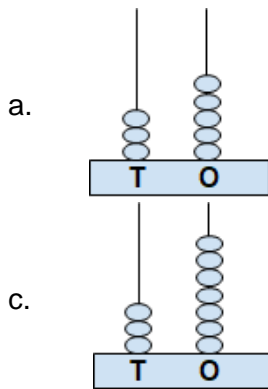
41. Fill in the blank:

The given picture represents ___ tens and ___ ones.

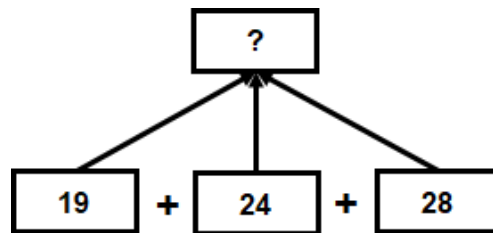


- a. Four, Seven
- b. Three, Five
- c. Four, Six
- d. Three, Seven

42. Fill in the blank:



43. What will come in place of question mark (?)?



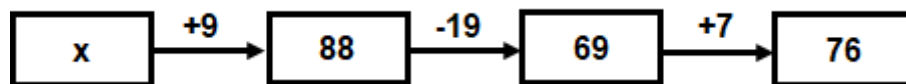
a. 59

b. 61

c. 67

d. 71

44. What will come in place of X?



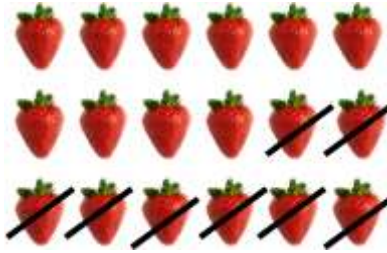
a. 71

b. 75

c. 79

d. 97

45. Which of the following is the correct number statement for the given picture?



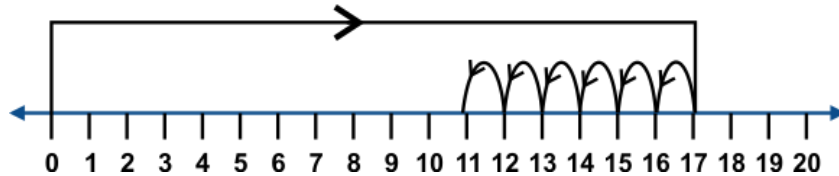
a. $18 - 10 = 8$

b. $18 - 8 = 10$

c. $19 - 8 = 11$

d. $19 - 10 = 9$

46. Which of the following is the correct number statement for the given number line?



a. $17 - 6 = 11$

b. $17 - 7 = 10$

c. $17 - 8 = 9$

d. $18 - 6 = 12$

47. There are 4 chicks and 2 cows in a farm. How many legs are there?

a. 12

b. 14

c. 16

d. 18

48. 32 marbles are equally distributed among 4 children. How many marbles will each child get?

a. 6

b. 7

c. 8

d. 9

49. If 17 flowers are equally put into 4 flower vases, how many flowers will be left after maximum flowers are put in each vase?

a. **1**

b. **2**

c. **3**

d. **4**

50. Fill in the blank:

2, 4, 8, 16,

a. **18**

b. **24**

c. **28**

d. **32**

51. If half of a number is 12, what is the number?

a. **6**

b. **16**

c. **24**

d. **28**

52. Which of the following statements is true?



Aeroplane

Chair

Pillow

Boat

a. Weight of chair > Weight of boat

b. Weight of pillow > Weight of boat

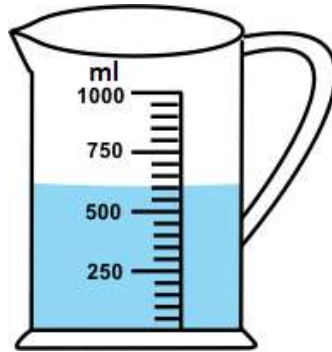
c. Weight of aeroplane < Weight of boat

d. Weight of pillow < Weight of chair

53. Which of the following clock shows quarter to 10?



54. How much more than half a litre is there in the container?



- a. 50 ml b. 100 ml
c. 150 ml d. 200 ml

55. Which of the following options could balance the scale?



2 cubes	3 cubes	4 cubes	5 cubes

- a. Ball and Teddy bear b. Teddy bear and Teapot
c. Car and Teapot d. Teddy bear and Car

56. Katherine's weight is 9 kg more than her sister. If Katherine's weight is 32 kg, find her sister's weight.

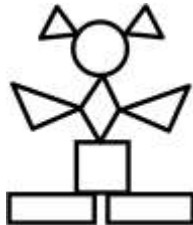
- a. 23 kg b. 24 kg
c. 43 kg d. 44 kg

57. Sarah leaves her house at the time shown on the clock. It takes 10 minutes for her to reach the park. She plays for an hour and returns home following the same route. At what time did she reach home?



- a. 6:00 pm b. 6:10 pm
c. 6:15 pm d. 6:20 pm

58. Fill in the blank:
The picture has ___ triangles, ___ rectangles, and ___ squares.



- a. 1, 3, 2 b. 2, 3, 2
c. 2, 4, 1 d. 4, 2, 1

59. What 3-D shape does the given object resemble?



- a. Cylinder b. Triangular Prism
c. Cuboid d. Sphere

60. I have one flat face that is a circle and a curved face that ends in a point. Who am I?

a. **Cube**

b. **Cuboid**

c. **Sphere**

d. **Cone**

Answer Key

1.	c	2.	b	3.	c	4.	b	5.	c	6.	c	7.	a
8.	c	9.	d	10.	b	11.	c	12.	a	13.	b	14.	c
15.	c	16.	b	17.	b	18.	d	19.	a	20.	a	21.	c
22.	d	23.	a	24.	a	25.	d	26.	c	27.	b	28.	c
29.	a	30.	c	31.	b	32.	b	33.	c	34.	d	35.	c
36.	a	37.	a	38.	b	39.	b	40.	c	41.	a	42.	d
43.	d	44.	c	45.	b	46.	a	47.	c	48.	c	49.	a
50.	d	51.	c	52.	d	53.	b	54.	b	55.	d	56.	a
57.	d	58.	d	59.	a	60.	d						