MENTAL MATHS COMPETITION

: Organised by :

GLOBAL MATHS SCIENCE EDUCATION®

in association with

Math Vision PTE Ltd., Singapore

MOCK TEST

Name : _____

School : _____ Std. : **3**

Mob.No. : (Mother) _____ (Father) _____

Instructions for the Competition

Total Marks : 200 **Total No of questions: 75**

1. Time : $1\frac{1}{2}$hr
2. Students can use HB Pencil for marking answers in OMR sheet.
3. Questions are arranged according to 3 difficulty level to provide pupils with optimum explosure to Mental Maths.
4. [Section 1] In this section, there are 40 questions help to build calculation skills. Each question carries 2 marks.
5. [Section 2] It is related with 20 questions to test fundamental concept covered with topics listed. Each question carries 3 marks.
6. [Section 3] Here questions are challanging & required high order thinking skills. Each question carries 4 marks. Students are requested to practice extra question given alongwith the Mock paper. Any 15 questions can be asked from given question format in mock paper & extra practice questions.

MENTAL MATHS COMPETITION

Topics Included.

(1) Q. No. 1 to 40 are based on basic. Calculation questions related to Addition, Subtraction, multiplication and division, doubling and halving.

(2) Student should know multiplication tables from 2 to 15.

(3) 3 digit Nos. operation, Mixed operations [+ , – , × , ÷]

(4) Tell the time given in a clock.

(5) Reading & answering questions related to bar graph.

(6) Calculation related to time and money.

(7) Number series (WHAT COMES NEXT), Number Bonds.

(8) divisibility property of 2, 3, 4, 6, 9, 10.

(9) Fractions concepts of quarter, half, three quarters & whole.

(10) Conversion from hrs to mins, years to months, weeks to days, dozen to units.

(11) Simple word problems related to (+, – , ×, ÷)

(12) Formation of smallest and greatest number by using given digits.

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SECTION 1 (Mental Maths Calculation)

1.
$$\begin{array}{r} 3\ 4\ 5 \\ +\ 1\ 6\ 8 \\ \hline \end{array}$$

(a) 413 (b) 523
(c) 513 (d) 503

2.
$$\begin{array}{r} 7\ 0\ 7 \\ -\ 3\ 8\ 8 \\ \hline \end{array}$$

(a) 329 (b) 321
(c) 309 (d) 319

3.
$$\begin{array}{r} 5\ 2\ 6 \\ +\ 3\ 8\ 9 \\ \hline \end{array}$$

(a) 905 (b) 895
(c) 915 (d) 925

4.
$$\begin{array}{r} 9\ 5\ 6 \\ -\ 3\ 8\ 8 \\ \hline \end{array}$$

(a) 638 (b) 468
(c) 578 (d) 568

5. $34 + \square = 62$

(a) 96 (b) 38
(c) 28 (d) 26

6. $28 - \square = 11$

(a) 17 (b) 39
(c) 27 (d) 19

7. $\square + 11 = 23$

(a) 32 (b) 22
(c) 12 (d) 34

8. $\square - 17 = 30$

(a) 13 (b) 47
(c) 27 (d) 33

9. What is next
85, 78, 71, $\square$

(a) 65 (b) 68
(c) 55 (d) 64

10. What is next number
49, 62, 75, $\square$

(a) 87 (b) 86
(c) 88 (d) 85

11. Find the missing digit in a box.
$$\begin{array}{r} 9\square 6 \\ -\ 3\ 8\ 8 \\ \hline 5\ 7\ 8 \\ \hline \end{array}$$

(a) 5 (b) 1
(c) 2 (d) 6

12.
$$\begin{array}{r} 5\ 2\ \square \\ +3\ 4\ 9 \\ \hline 8\ 7\ 3 \\ \hline \end{array}$$

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

13. $40 \div 8 =$ _____

(a) 6 (b) 7

(c) 5 (d) 8

14. $9 \times 12 =$ _____

(a) 96 (b) 108

(c) 118 (d) 72

15. $36 \div 6 =$ _____

(a) 8 (b) 3

(c) 5 (d) 6

16. $14 \times 9 =$ _____

(a) 112 (b) 136

(c) 126 (d) 117

17. $64 \div 8 =$ _____

(a) 9 (b) 7

(c) 6 (d) 8

18. $77 \div 11 =$ _____

(a) 7 (b) 5

(c) 8 (d) 6

19. $5 \times 15 =$ _____

(a) 90 (b) 60

(c) 75 (d) 70

20. $78 \div 13 =$ _____

(a) 8 (b) 9

(c) 7 (d) 6

21. $14 \times 4 =$ _____

(a) 60 (b) 52

(c) 70 (d) 56

22. $105 \div 15 =$ _____

(a) 8 (b) 9

(c) 7 (d) 6

23.
$$\begin{array}{r} 36 \\ \times\ 8 \\ \hline \\ \hline \end{array}$$

(a) 248 (b) 278

(c) 324 (d) 288

24.
$$\begin{array}{r} 94 \\ \times\ 7 \\ \hline \\ \hline \end{array}$$

(a) 658 (b) 638

(c) 678 (d) 648

25. $\square \times 4 = 60$

(a) 14 (b) 10

(c) 15 (d) 13

26. $\square \div 5 = 11$

(a) 45 (b) 55

(c) 100 (d) 111

27. $\square \times 3 = 39$

(a) 11 (b) 12

(c) 13 (d) 14

28. $\square \div 9 = 13$

(a) 117 (b) 108
(c) 135 (d) 99

29. $9 \times \square = 81$

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

30. $65 \div \square = 5$

(a) 14 (b) 13
(c) 12 (d) 15

31. Double of 39 = _____

(a) 78 (b) 68
(c) 58 (d) 88

32. Half of 92 = _____

(a) 56 (b) 46
(c) 36 (d) 65

33. Double of 43 = _____

(a) 76 (b) 56
(c) 86 (d) 96

34. Half of 74 = _____

(a) 37 (b) 17
(c) 27 (d) 22

35. $(12 - 3) \times (4 + 9)$ = _____

(a) 117 (b) 96
(c) 130 (d) 104

36. $(17 - 5) \times (19 - 16)$ = _____

(a) 33 (b) 39
(c) 44 (d) 36

37. $(9 + 7) \times (11 - 9)$ = _____

(a) 32 (b) 48
(c) 144 (d) 154

38. $(13 - 7) \times (18 - 7)$ = _____

(a) 60 (b) 88
(c) 72 (d) 66

39. [Double of 39] – 11 = _____

(a) 65 (b) 67
(c) 66 (d) 68

40. Double of 32 – Half of 18 = _____

(a) 56 (b) 54
(c) 55 (d) 73

SECTION 2
(Mental Maths Concepts)

41. 6 hundred + 5tens =

_____

(a) 750 (b) 650

(c) 350 (d) 450

42. 4 tens less than 5 hundred =

_____

(a) 543 (b) 460

(c) 473 (d) 453

43. Four tens more than
9 hundred 2 tens & 3 units
= _____

(a) 1073 (b) 1063

(c) 963 (d) 1093

44. Which of the following is arranged in descending order.

(a) 248, 648, 548, 948

(b) 729, 624, 521, 418

(c) 729, 759, 799, 839

(d) 744, 648, 844, 548

45. What is the smallest three digit number can be formed by using each digit only once.
9, 2, 0

(a) 29 (b) 209

(c) 292 (d) 902

46. What is the largest number can be formed using each digit only once.7, 1, 9

(a) 179 (b) 719

(c) 917 (d) 971

47. 725 = 700 + ☐ + 5
The missing number in the box is

(a) 20 tens (b) 200

(c) 2 tens (d) 20 Hundred

48. Form largest 3 digit number by using following digits only once.
4, 1, 6, 2, 3, 9

(a) 1629 (b) 964

(c) 962 (d) 944

49. Form smallest 3 digit number by using following digits only once.
7, 0, 6, 5, 4, 3

(a) 345 (b) 543

(c) 304 (d) 657

50. (52 ÷ 4) + 4 = _____

(a) 17 (b) 15

(c) 18 (d) 13

51. (13 × 8) + 10 = _____

(a) 104 (b) 114

(c) 94 (d) 137

52. $\frac{15}{17} + \square = \frac{29}{17}$

(a) $\frac{15}{7}$ (b) $\frac{14}{7}$

(c) $\frac{16}{7}$ (d) $\frac{13}{7}$

53. $\frac{9}{15}$ and $\square$ make 1 whole.

(a) $\frac{2}{15}$ (b) $\frac{3}{15}$

(c) $\frac{6}{15}$ (d) $\frac{1}{15}$

54. 7 & half = _____ quarters

(a) 11 (b) 30

(c) 15 (d) 14

55. $14\ \frac{3}{4}$ = _____ quarters

(a) 55 (b) 58

(c) 60 (d) 59

56. 8 years 4 months
= _____ months

(a) 84 (b) 83

(c) 94 (d) 100

57. 13 week = _____days

(a) 98 (b) 105

(c) 91 (d) 84

58. $6\frac{1}{2}$ hrs = _____ min

(a) 420 (b) 390

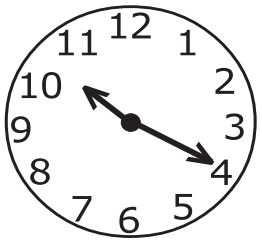
(c) 430 (d) 500

59. 6 dozens = _____ unit

(a) 72 (b) 84

(c) 60 (d) 6

60.



Time is _____

(a) 10:04 hrs (b) 4:10 hrs

(c) 4:50 hrs (d) 10: 20 hrs

SECTION 3 (Mental Maths Challange)

61.

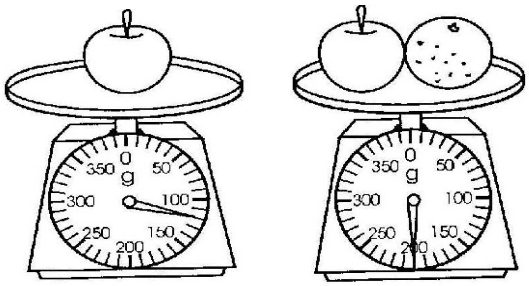
The total amount is ₹ = _____

(a) 675 (b) 575 (c) 725 (d) 625

62. Abhay has ₹ 136. He bought Pen for ₹ 23 and book for ₹ 37. He has ₹ _____ left.

(a) 196 (b) 74 (c) 75 (d) 76

63.



The mass of two oranges & an apple is _____ g.

(a) 280 (b) 320 (c) 330 (d) 300

64. John is 14 years old. He is 27 years younger than his father. His father age is _____ yrs.

(a) 41 (b) 14 (c) 13 (d) 52

65. 9 pupils share 126 sweets equally. Each pupils get _____ sweets.

(a) 14 (b) 13 (c) 12 (d) 11

66. ◯ + ◯ = 38

26 + ◯ = ☆ What does ☆ + ◯ stands for ?

(a) 84 (b) 62 (c) 64 (d) 74

67. Jimmy has a mass of 57 kg. His father is 24 kg heavier than Jimmy. What is a mass of Jimmy's Father.

(a) 33 kg (b) 82 kg (c) 71 kg (d) 81 kg

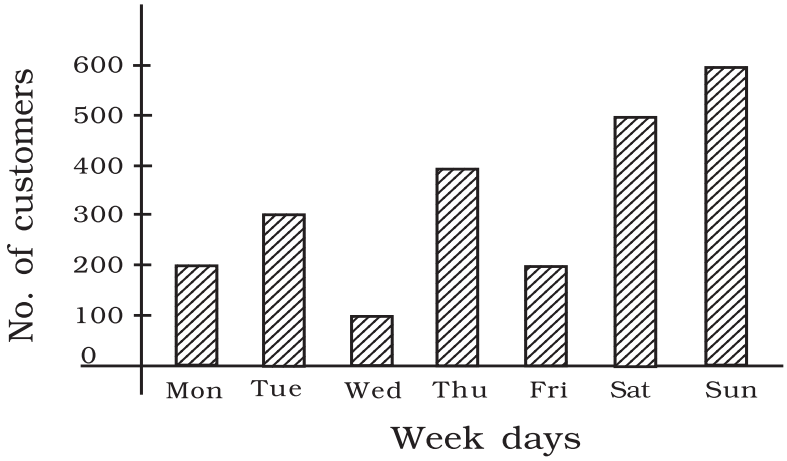
68. On children day, Every child got 6 sweets. There were 7 boys, 6 girls. Total sweet distributed are

(a) 78 (b) 84 (c) 15 (d) 20

69. An Auto has 3 wheels car has 4 wheels. 14 car and 15 Auto has _____ wheels.

(a) 120 (b) 101 (c) 102 (d) 26

70. The bar graph shows the number of customers visited Restaurant ABC in a week.



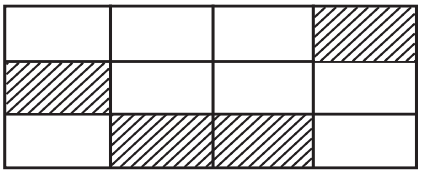
There were _____ customers more on Thursday than Monday

(a) 500 (b) 400 (c) 200 (d) 300

71. $86 - 44 = \square \times 3$

(a) 13 (b) 12 (c) 15 (d) 14

72.



How many more part to be shaded in the figure below to show $\frac{1}{2}$?

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

73. 27 + A = 89

15 + B = 39 Subtract B from A. The answer is _____

(a) 58 (b) 48 (c) 38 (d) 28

74. Four number cards are shown below.

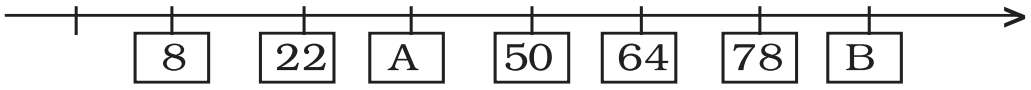
4	3	6	1

The cards are used to form two digit number more than 16 & less than 65. (Each card is used only once)

How many possible two digit numbers can be formed altogether

(a) 9 (b) 4 (c) 8 (d) 6

75. Look at the number line below.



B is _____ more than A.

(a) 36 (b) 46 (c) 56 (d) 66

Extra question for Practise (Section III)

1. Which of following statement is true?

(a) $5 \times 6 = 5 + 5 + 5 + 5 + 5$ (b) $6 \times 9 = 45$

(c) 3×4 has same answer as 6×3 (d) $2 + 2 + 2 + 2 + 2 + 2 + 2 = 7 \times 2$

2. Zavier has 105 bricks. He places 15 bricks in each box. How many boxes are needed for all the bricks?

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

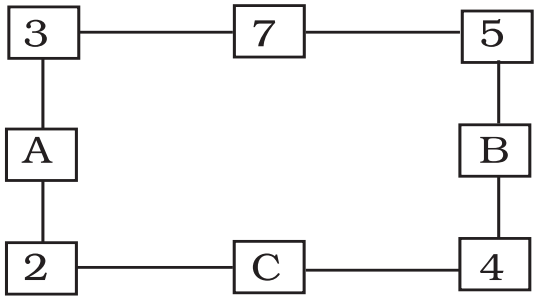
3. There are 14 hens in a farm. Each hen has 8 chicks.
How many chicks are there altogether?

(a) 120 (b) 96 (c) 104 (d) 112

4. Sherrill has 85 balloons. She gives them equally to a few children. Each child gets 14 balloons.
How many ballons will not be given out?

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

5.



The number on each side of a square add upto 15
A + B + C = -------

(a) 16 (b) 20 (c) 25 (d) 19

6. The minute hand is pointing at 5 and hour hand is pointing between 3 and 4.

(a) 3 hrs 20 min (b) 5 hrs 15 min (c) 4 hrs. 5min (d) 3 hrs 25 min

7. I am three digit number. The digits in the hundreds and tens place is same but digits in unit place is 33 less than 38, what number am I?

(a) 345 (b) 655 (c) 775 (d) 757

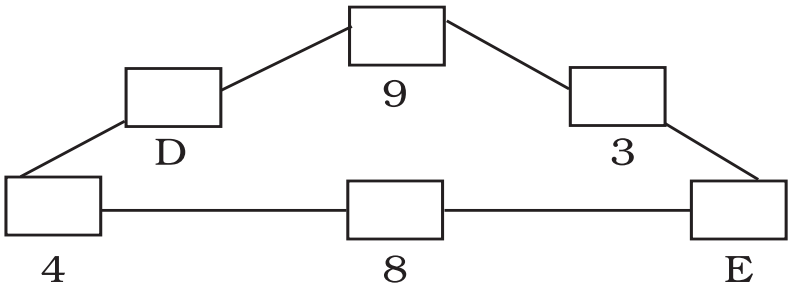
8. I am 2 digit number between 40 and 60. I am there in 15 times multiplication table. But I am less than 48. What number am I ?

(a) 30 (b) 60 (c) 45 (d) 75

9. I am 2 digit number, less than 59 but more than 51, My unit place digit is 2 more than 5, I am the number _____

(a) 67 (b) 47 (c) 57 (d) 58

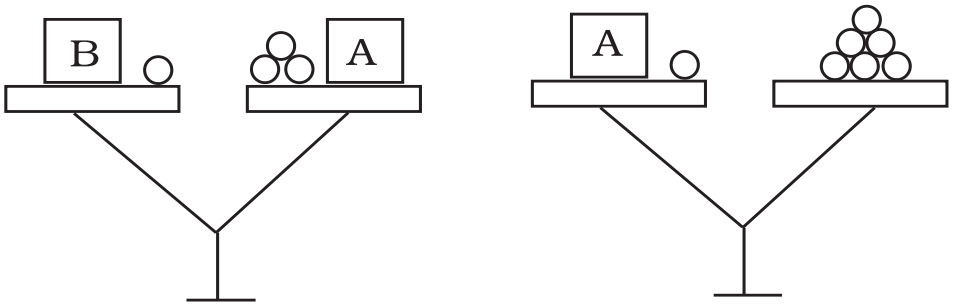
10.



The number on each side of the triangle add upto 31 what is D+ E ?

(a) 35 (b) 37 (c) 44 (d) 36

11.



Weight of box B is _____ units.

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

12.

34	,	52	,	27	,	28	
	26		29		44		

Which of the following numbers add upto 79

(a) 52, 26 (b) 52, 28 (c) 52, 27 (d) 34,44

13. Δ Δ Δ Δ Δ Δ Δ Δ = 88

∴ □ □ □ = 36

∴ Δ + □ = ?

(a) 24 (b) 33 (c) 23 (d) 34

14. Six numbers are as given below.

(1) (2) (5) (6) (11) (12)

use each number only once.

□ – □ = 10

Which number from given number is not used.

(a) 12 (b) 2 (c) 7 (d) 5

15. Ramesh is standing in a queue. He is 13th from the front and 39th from back. How many people are standing in the queue.

(a) 52 (b) 50 (c) 51 (d) 11

16. 14 + 12 = A 23 – 11 = B 21 + 3 = C

There fore A + B + C = _____

(a) 71 (b) 72 (c) 70 (d) 74

17. A = 19 + 3 – 7 B = 26 – 15

∴ A × B = _____

(a) 145 (b) 155 (c) 165 (d) 175

18. Four number are given below use any 3 of the numbers to complete the additon sentence. Each number can only be used once.

31, 43, 56, 28

☐ + ☐ + ☐ = 115

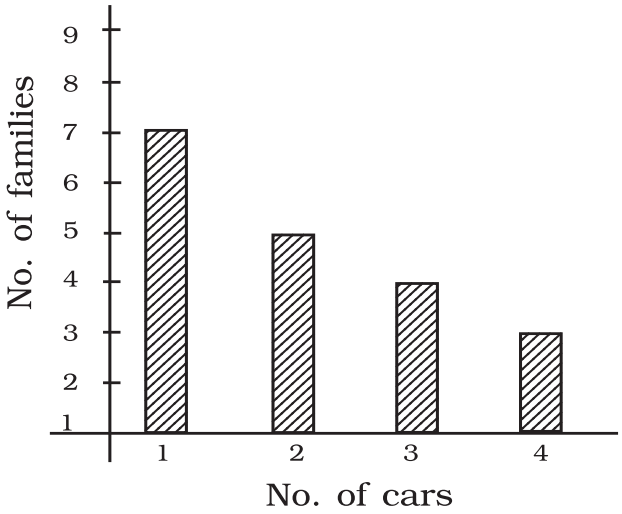
(a) 31,43,56 (b) 43,56,28 (c) 31,43,28 (d) 31,56,28

19. Which of the following box has the different answer from other three boxes.

(i) 49 + 7 (ii) 60 – 4 (iii) 13 × 4 (iv) 14 × 4

(a) i (b) ii (c)iii (d) iv

20.



How many cars are there from the families who own 2 cars only_____

(a) 6 (b) 10 (c) 5 (d) 8

21. There were some eggs in a nest. A snake came along and ate 17 eggs. If 14 eggs are remaining in the nest, how many eggs were in the nest at first?

(a) 3 (b) 31 (c) 30 (d) none of these

22. Pappu shared 68 cookies equally with his sister. Each of them will get _____ cookies.

(a) 24 (b) 28 (c) 36 (d) 39

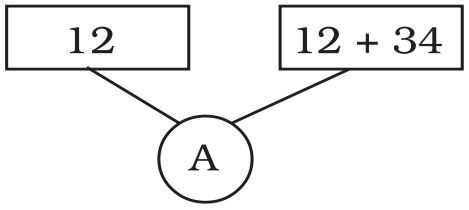
23. Out of 144 Cherries Amit ate 26 Cherries and his father ate 16 Cherries. How many Cherries were left?

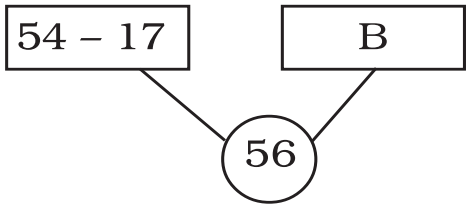
(a) 112 (b) 102 (c) 101 (d) 103

24. Uncle Tom reached Japan on 25th May & returned back to India on 9th July. For how many days he stayed in Japan? (Inclusive of both days)

(a) 43 (b) 44 (c) 45 (d) 46

25. Look at the number bonds below.





A is _____ more than B.

(a) 29 (b) 31 (c) 39 (d) 49

For more practise papers log on www.mathsshow.com

For any querry related to question paper format, Kindly send email to us at **mmcgmse@gmail.com** . We will be replying with in 24 hours.

Answer Sheet

1	c
2	d
3	c
4	d
5	c
6	a
7	c
8	b
9	d
10	c
11	d
12	a
13	c
14	b
15	d
16	c
17	d
18	a
19	c
20	d
21	d
22	c
23	d
24	a
25	c

26	b
27	c
28	a
29	d
30	b
31	a
32	b
33	c
34	a
35	a
36	d
37	a
38	b
39	b
40	c
41	b
42	b
43	c
44	c
45	d
46	d
47	c
48	b
49	c
50	a

51	b
52	b
53	c
54	b
55	d
56	d
57	c
58	b
59	a
60	d
61	a
62	d
63	b
64	a
65	a
66	c
67	d
68	a
69	b
70	c
71	d
72	d
73	c
74	a
75	c

Answers for extra practice questions

1	d
2	a
3	d
4	c
5	c
6	d
7	c
8	c

9	c
10	b
11	b
12	c
13	c
14	d
15	c
16	b

17	c
18	d
19	c
20	b
21	b
22	d
23	b
24	d
25	c

Section 3 (Solution)

61) The total amount is ₹
= 500 + 100 + 50 + 20 + 5
= 675

62) Abhay has ₹ 136
Price of pen = ₹ 23
Price of book = ₹ 37
∴ Total price = 23 + 37 = ₹ 60
∴ Amount left = 136 – 60
= ₹ 76

63) Mass of an Apple = 120 gm
Mass of apple & orange = 200 g
∴ Mass of orange = 200 – 120
= 80 g
So mass of two orange & apple is
= 2 × 80 + 1 × 120
= 160 + 120
= 280 g.

64) John is 14 yrs old
John is 27 yrs. younger than his father.
∴ Age of father = 27 + 14
= 41 yrs.

65) 9 pupils share 126 sweets equally.
∴ Each pupil get = 126 ÷ 9 = 14 sweets.

66) ◯ + ◯ = 38
∴ 2 × ◯ = 38
∴ ◯ = $\frac{38}{2}$ = 19
∴ 26 + ◯ = ☆
∴ 26 + 19 = 45
∴ ☆ = 45
☆ + ◯ = 45 + 19 = 64

67) Jimmy has mass = 57 kg
Father is 24 kg. heavier than Jimmy.
∴ Father is 24 + 57 = 81 kg.

68) Every child got 6 sweets
Total number of children
= 7 boys + 6 girls
= 13
∴ Total sweets distributed
= 6 × 13
= 78 sweets

69) Auto has 3 wheels
Car has 4 wheels
∴ 14 car has : 14 × 4
= 56 wheels.
∴ 15 Auto has : 15 × 3
= 45 wheels.
∴ 14 cars and 15 Autos has :
56 + 45 = 101 wheels.

70) From given bar graph,
No. of customers on Monday = 200
No. of customers on Thursday = 400
∴ There were 400 – 200 = 200
Customers more on Thursday than Monday.

71) 86 – 44 = 42 = □ × 3
□ × 3 = 42
∴ □ = $\frac{42}{3}$
∴ □ = 14

72) In given fig.
Shaded part = 4
Unshaded part = 3
∴ Total part = 12
∴ 6 parts should be shaded in order to show $\frac{1}{2}$ shaded portion.
∴ 2 more part to be shaded to show $\frac{1}{2}$.

73) 27 + A = 89
∴ A = 89 – 27 = 62
15 + B = 39
∴ B = 39 – 15 = 24
∴ Subtract B from A.
i.e. A – B = 62 – 24 = 38

74) Four number cards are :

4	3	6	1

The cards are used to form two digit number more than 16 and less than 65.
∴ With card [1] we can have,
16, 13, 14 possible two digit numbers.
None of them is more than 16 & less than 65.
∴ With card [6] we can have,
61, 63, 64 possible two digit numbers.
All these numbers are more than 16 and less than 65.
∴ with card [3] we can have,
31, 36, 34 possible two digit numbers.
All these numbers are more than 16 and less than 65.
∴ with card [4] we can have,
41, 46, 43 possible two digit numbers.
All these numbers are more than 16 and less than 65.
∴ There are total 3 + 3 + 3
i.e. 9 possible two digit numbers can be formed altogether.

75)

8	22	A	50	64	78	B

Each number in this series is increased by 14
From given number line,
A is 22 + 14 = 36
and
B is 78 + 14 = 92
∴ B is 92 – 36 = 56 more than A.

Extra Practice Questions (Solution)

1) Which of the following statement is true ?

(a) $5 \times 6 = 30$

$5 + 5 + 5 + 5 + 5 = 25$

$\therefore\ 30 \neq 25$

(b) $6 \times 9 = 54$

$\therefore\ 54 \neq 45$

(c) $3 \times 4 = 12$

$6 \times 3 = 18$

$\therefore\ 12 \neq 18$

(d) $2 + 2 + 2 + 2 + 2 + 2 + 2 = 14$

$7 \times 2 = 14$

(d) is correct statement

2) Zavier has 105 bricks

He places 15 bricks in each box.

$\therefore\ \frac{105}{15}$ = 7 boxes are needed for all the bricks.

3) There are 14 hens in a farm.

Each hen has 8 chicks

$\therefore$ 14 hens has $14 \times 8 = 112$ chicks.

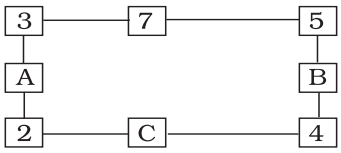
4) Sherrill has 85 balloons.

She gives them equally to few children.

Each child gets 14 balloons.

$\therefore\ 14 \times 7 = 84$ balloons

will be given out and 1 will not be given out.

5) 

The number on each side of a square add upto 15

$\therefore$ Left side = $3 + A + 2 = 15$

$\therefore\ A = 15 - 5$

$\therefore\ A = 10$

Right side = $5 + B + 4 = 15$

$\therefore\ B = 15 - 9$

$\therefore\ B = 6$

Bottom side = $2 + C + 4 = 15$

$\therefore\ C = 15 - 6$

$\therefore\ C = 9$

$\therefore\ A + B + C = 10 + 6 + 9$

$= 25$

6) The minute hand is pointing at 5.

Hour hand is pointing between 3 and 4.

$\therefore$ i.e. 3 hrs 25 min.

7) I am three digit number.

The digit in hundreds and tens place is same.

Digit in unit place is 33 less than 38 i.e. 5

$\therefore$ The number is : 775

8) I am 2 digit number between 40 and 60.

The number in 15 times multiplication table.

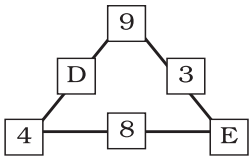
The number is less than 48.

$\therefore$ The possible number is 45.

9) I am 2 digit number, less than 59 but more than 51.

The unit place digit is 2 more than 5 = 7

$\therefore$ The number is 57

10) 

The number on each side of the triangle add upto 31.

$\therefore\ 9 + D + 4 = 31$

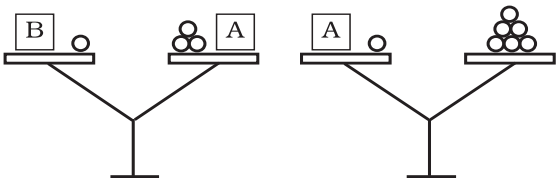
$\therefore\ D = 31 - 13 = 18$

$\therefore\ 9 + 3 + E = 31$

$\therefore\ E = 31 - 12$

$\therefore\ E = 19$

$\therefore\ D + E = 18 + 19 = 37$

11) 

Since,

$A + 1 \text{ unit} = 6 \text{ units}$

$\therefore\ A = 6 - 1 = 5 \text{ units}$

Also,

$B + 1 \text{ unit} = 3 \text{ units} + A$

$\therefore\ B + 1 \text{ unit} = 3 + 5 = 8 \text{ units}$

$B = 8 \text{ units} - 1 \text{ unit}$

$= 7 \text{ units.}$

12) Which of the following numbers add upto 79

Ans. 52 and 27

$\therefore\ 52 + 27 = 79$

13) $\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle = 88$

$\therefore\ 8 \times \triangle = 88$

$\therefore\ \triangle = \frac{88}{8} = 11$

$\therefore\ \square\square\square = 36$

$\therefore\ 3 \times \square = 36$

$\therefore\ \square = \frac{36}{3} = 12$

$\therefore\ \triangle + \square = ?$

$\therefore\ 11 + 12 = 23$

14) Six numbers are

1	2	5	6	11	12

$\square - \square = 10$

Since,

$12 - 2 = 10,$

$11 - 1 = 10$

∴ The numbers that are not used = $\boxed{5}$ & $\boxed{6}$
∴ Ans : $\boxed{5}$

15) Ramesh is standing in a queue.
He is 13th from the front and 39th from back.

13th from front hence, 12 people ahead of him and 39th from back hence, 38 people behind him. [12 + 1 + 38 = 51]

∴ There are total 51 people standing in queue.

16) 14 + 12 = A, 23 – 11 = B, 21 + 13 = C
∴ 26 = A
∴ 12 = B
∴ 34 = C
∴ A + B + C = 26 + 12 + 34
= 72

17) A = 19 + 3 – 7, B = 26 – 15
= 15 = 11
∴ A × B = 15 × 11
= 165

18) Four numbers are given:
Each no. can only be used once.

31, 56, 28

31 + 56 + 28 = 115

19) Which of the box has the different answer.
From other three boxes.

i) $\boxed{49 + 7}$ = 56

ii) $\boxed{60 - 4}$ = 56

iii) $\boxed{13 \times 4}$ = 52

iv) $\boxed{14 \times 4}$ = 56

∴ Ans : $\boxed{13 \times 4}$ = 52

20) From given graph,
There are 5 families who has taken 2 cars only
∴ There are total 2 × 5
= 10 cars from the families who own 2 cars only.

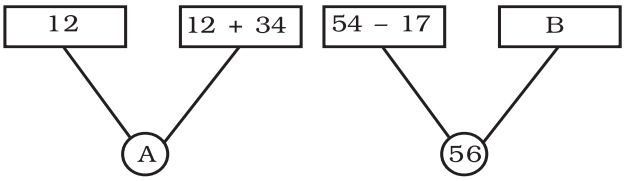
21) A snake eats 17 eggs.
Hence, now 14 eggs are left in a nest.
∴ There were total 17 + 14
= 31 eggs at first.

22) Pappu shared 68 cookies equally with his sister
∴ each of them will get 68 ÷ 2 = 34 cookies.

23) Out of 144 Cherries Amit ate 26 Cherries.
∴ Now there are 144 – 26 = 118 Cherries left.
Father ate 16 Cherries.
Hence, there are 118 – 16
= 102 Cherries left.

24) Uncle Tom reached Japan on 25th May and returned back to India on 9th July,
∴ 25 May to 31st May = 7 days
1st June to 30th June = 30 days
1st July to 9th July = 9 days.
∴ He stayed in Japan for 7 + 30 + 9 = 46 days.

25



∴ A = 12 +12 + 34 = $\underline{58}$

∴ 54 – 17 + B = 56
∴ 37 + B = 56
∴ B = 56 – 37
∴ B = $\underline{19}$
∴ A is 58 – 19 = 39 more than B.

MENTAL MATHS COMPETITION®

Date : _____

Name of Student in Full (IN CAPITAL LETTERS) :-

_____
Name

_____
Father's Name

_____
Surname

School Name _____

Mobile No. _____

Std. _____ Centre _____

INSTRUCTIONS

1. Use HB Pencil only on this sheet
2. Darken the ovals fully.
3. Erase completely to change responses.
4. Do not make any stray mark on this sheet.

Incorrect way of shading

Ⓐ Ⓑ Ⓒ Ⓓ

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Ⓐ Ⓑ Ⓒ Ⓓ

Correct way of shading

Ⓐ Ⓑ Ⓒ Ⓓ

For Office Use Only				
Section			Mark	Marks Scored
1			x 2	
2			x 3	
3			x 4	
Total				

Remark :

ANSWERS

Section - I

1.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	21.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
2.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	22.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
3.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	23.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
4.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	24.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
5.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	25.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
6.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	26.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
7.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	27.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
8.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	28.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
9.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	29.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
10.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	30.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
11.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	31.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
12.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	32.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
13.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	33.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
14.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	34.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
15.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	35.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
16.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	36.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
17.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	37.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
18.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	38.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
19.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	39.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
20.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	40.	Ⓐ	Ⓑ	Ⓒ	Ⓓ

Section - II

41.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	61.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
42.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	62.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
43.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	63.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
44.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	64.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
45.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	65.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
46.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	66.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
47.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	67.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
48.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	68.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
49.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	69.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
50.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	70.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
51.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	71.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
52.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	72.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
53.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	73.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
54.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	74.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
55.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	75.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
56.	Ⓐ	Ⓑ	Ⓒ	Ⓓ					
57.	Ⓐ	Ⓑ	Ⓒ	Ⓓ					
58.	Ⓐ	Ⓑ	Ⓒ	Ⓓ					
59.	Ⓐ	Ⓑ	Ⓒ	Ⓓ					
60.	Ⓐ	Ⓑ	Ⓒ	Ⓓ					

Section - III

MENTAL MATHS COMPETITION