



Organized by
Global Maths Science Education™
In Association with
Math Vision Pte.Ltd., Singapore.
www.mathsshow.com

MENTAL MATHS COMPETITION

Std. - 4

Total Marks : 200

Time : 90 min

Total No of questions: 100

Topics Included.

- (1) Q. No. 1 to 50 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 12.
- (3) 3 digit, 4 digit Nos. [EXPANDED FORM]
- (4) Place value of digit in given nos. [3 digit, 4 digit nos]
- (5) Odd and even (2 digit, 3 digit nos]
- (6) Mixed operations (MULTIPLICATION, DIVISION)
- (7) Formation of smallest, largest nos. with given digits.
- (8) Number series (WHAT COMES NEXT)
- (9) Roman Numbers (FROM 1 to 30)
- (10) Conversions: Year → month, week → days, k.g → grms
L → ml, k.m → m, m → c.m.
dozens → units

Instructions for the Competition

1. Time : $1\frac{1}{2}$ hr
2. Students can use HB Pencil for marking answers on OMR sheet provided.
3. Result of the Competition will be declared on 16th November, 2011.
Results will be conveyed to parents by SMS and displayed on our website.
4. Every participant will be given certificate of participation.
5. Winners [rank 1 to rank 10] from each std. will be feliciated with Trophies or Medals in a specially arranged Award Function.



- (1) $405 + 928 = \square$
(A) 1423 (B) 1333 (C) 1323 (D) 1233
- (2) $552 - 338 = \square$
(A) 890 (B) 216 (C) 215 (D) 214
- (3) $996 + 114 = \square$
(A) 1110 (B) 1210 (C) 1130 (D) 1240
- (4) Seven thousand fifty + Four hundred eighty two is equal to _____
(A) 7532 (B) 7352 (C) 7523 (D) 11,432
- (5) Four thousand four hundred + seven hundred nineteen = _____
(A) 11,119 (B) 5119 (C) 7512 (D) 4559
- (6) $31\square4 + 3186 = 6300$
Find the missing digit.
(A) 2 (B) 0 (C) 1 (D) 3
- (7) $10 + 20 + 30 + 5 + 5 + 2 = \underline{\hspace{2cm}}$
(A) 7×8 (B) 5×9 (C) 8×9 (D) 9×6
- (8) 3621, 2136, 6312, 3216, 6132. If given numbers are arranged in descending order. Middle number in the series is _____
(A) 2136 (B) 3621 (C) 3216 (D) 6132
- (9) Arrange numbers in ascending order 375, 573, 372, 357, 735 second numbers in new order is _____
(A) 357 (B) 375 (C) 573 (D) 372
- (10) $(7 \times 5) + (5 \times 7) + (3 \times 9) = \underline{\hspace{2cm}}$
(A) 100 (B) 99 (C) 98 (D) 97
- (11) $(5 + 5) \times (7 \times 2) + (5 + 5) = \underline{\hspace{2cm}}$
(A) 140 (B) 150 (C) 160 (D) 170



- (12) (10 less than 400) + (10 more than 500) = _____
(A) 1000 (B) 800 (C) 900 (D) 700
- (13) (50 less than 450) – (30 more than 200) = _____
(A) 140 (B) 160 (C) 170 (D) 150
- (14) The difference between (9 × 8) and (4 × 3) = _____
(A) 40 (B) 50 (C) 60 (D) 70
- (15) The sum of 8×8 and 12×9 = _____
(A) 166 (B) 152 (C) 173 (D) 172
- (16) The product of 9 more than 10 and 5 less than 7 is _____
(A) 35 (B) 38 (C) 37 (D) 36
- (17) If double of 24 is subtracted from half of 100 we get _____
(A) 0 (B) 1 (C) 2 (D) 4
- (18) $8 + 9 + 10 + 11 + 12 =$ _____
(A) 30 (B) 40 (C) 50 (D) 60
- (19) $21 + 22 + 23 + 24 + 25 =$ _____
(A) 113 (B) 116 (C) 114 (D) 115
- (20) $(9 \div 3) \times (14 \div 7) =$ _____
(A) 5 (B) 6 (C) 0 (D) 3
- (21) $(72 \div 8) \times (36 \times 6) =$ _____
(A) 1944 (B) 1943 (C) 1494 (D) 1994
- (22) $29 + 11 - 35 =$ _____
(A) 10 (B) 5 (C) 3 (D) 9
- (23) $63 - 5 + 11 =$ _____
(A) 71 (B) 70 (C) 68 (D) 69
- (24) $\div 9 = 3$
(A) 39 (B) 27 (C) 24 (D) 30



(25) $\square \div 7 = 5$

- (A) 42 (B) 28 (C) 35 (D) 40

(26) $12 \times \square = 72$

- (A) 5 (B) 6 (C) 7 (D) 8

(27) $66 \div \square = 6$

- (A) 6 (B) 9 (C) 11 (D) 8

(28) $43 \times 40 = \underline{\hspace{2cm}}$

- (A) 1720 (B) 1270 (C) 7120 (D) 1702

(29) $65 \times 50 = \underline{\hspace{2cm}}$

- (A) 3500 (B) 3520 (C) 3250 (D) 2035

(30) $39 \times 60 = \underline{\hspace{2cm}}$

- (A) 4320 (B) 3240 (C) 2340 (D) 2300

(31) $46 \times 70 = \underline{\hspace{2cm}}$

- (A) 3200 (B) 3020 (C) 2330 (D) 3220

(32) $89 \times 30 = \underline{\hspace{2cm}}$

- (A) 2670 (B) 6270 (C) 2760 (D) 2760

(33) $3316 + 4124 = \underline{\hspace{2cm}}$

- (A) 8440 (B) 7440 (C) 7540 (D) 7530

(34) $4739 - 3123 = \underline{\hspace{2cm}}$

- (A) 1616 (B) 1716 (C) 1726 (D) 1717

(35) $8214 - 3612 = \underline{\hspace{2cm}}$

- (A) 4502 (B) 4602 (C) 4702 (D) 4612

(36) $3124 + 4613 = \underline{\hspace{2cm}}$

- (A) 7637 (B) 7647 (C) 8637 (D) 7737



(37)

$$\begin{array}{r} 12 \\ \times 16 \\ \hline \end{array}$$

- (A) 292 (B) 193 (C) 182 (D) 192

(38)

$$\begin{array}{r} 35 \\ \times 13 \\ \hline \end{array}$$

- (A) 450 (B) 455 (C) 445 (D) 345

(39)

$$\begin{array}{r} 83 \\ \times 42 \\ \hline \end{array}$$

- (A) 2586 (B) 2486 (C) 3486 (D) 2686

(40)

$$\begin{array}{r} 95 \\ \times 12 \\ \hline \end{array}$$

- (A) 1240 (B) 1140 (C) 1340 (D) 940

(41)

$$\begin{array}{r} 62 \\ \times 13 \\ \hline \end{array}$$

- (A) 906 (B) 706 (C) 806 (D) 606

(42) Double of 72 is _____

- (A) 134 (B) 244 (C) 144 (D) 154

(43) Double of 56 is _____

- (A) 112 (B) 122 (C) 132 (D) 102

(44) Half of 68 is _____

- (A) 36 (B) 46 (C) 34 (D) 44



- (45) Double of 15 – half of 8 = _____
(A) 46 (B) 26 (C) 30 (D) 42
- (46) Half of 6 + double of 6 = _____
(A) 15 (B) 24 (C) 16 (D) 23
- (47) double of 13 – half of 20 = _____
(A) 36 (B) 16 (C) 26 (D) 46
- (48) Double of 53 – half of 40 = _____
(A) 86 (B) 66 (C) 76 (D) 68
- (49) Suresh has 48 boxes of chocolates. Each box has 8 chocolates, how many chocolates he has. _____
(A) $48 \div 8$ (B) $48 + 8$ (C) $48 - 8$ (D) 48×8
- (50) Take Away 7 sets of 5 from 8 set of 6 answer is _____
(A) 12 (B) 15 (C) 14 (D) 13
- (51) $5000 + 400 + 70 + 2 =$ _____
(A) 5724 (B) 5472 (C) 5742 (D) 5744
- (52) $3000 + 400 + 30 + 4 =$ _____
(A) 3444 (B) 3434 (C) 3344 (D) 4334
- (53) $4356 = 4000 +$ _____ $+ 50 + 6$
(A) 3000 (B) 300 (C) 30 (D) 3
- (54) $9893 =$ _____ $+ 800 + 90 + 3$
(A) 1000 (B) 9 (C) 9000 (D) 900
- (55) 4 Thousand + 2 hundred and 2 = _____
(A) 4020 (B) 4422 (C) 4022 (D) 4202
- (56) The sum of place values of 4's in 4346 is _____
(A) 4004 (B) 4040 (C) 4000 (D) 40
- (57) The difference between place values of 2 in 2023 is _____
(A) 1980 (B) 1890 (C) 0 (D) 4



- (58) The smallest number formed from the digits 3, 9, 6, 4 using each digit only once is _____
(A) 3500 (B) 3694 (C) 3496 (D) 3469
- (59) The greatest four digit number formed from the digits 1, 0, 9, 6 using each digit only once is _____
(A) 1096 (B) 9060 (C) 9600 (D) 9610
- (60) 56, 57, 58, 60, 61, 47
The sum of odd numbers is _____
(A) 166 (B) 165 (C) 164 (D) 167
- (61) 35, 46, 52, 61, 73
The difference between even numbers is _____
(A) 7 (B) 6 (C) 8 (D) 5
- (62) Add even numbers among 314, 413, 316, 341 _____
(A) 640 (B) 600 (C) 650 (D) 630
- (63) Add odd numbers among 413, 265, 652, 570 _____
(A) 768 (B) 678 (C) 1000 (D) 570
- (64)

<input type="checkbox"/> 40	<input type="checkbox"/> 85	<input type="checkbox"/> 35	<input type="checkbox"/> 45
<input checked="" type="checkbox"/> 20	<input checked="" type="checkbox"/> 65	<input checked="" type="checkbox"/> 15	<input type="checkbox"/>

(A) 50 (B) 25 (C) 35 (D) 45
- (65)

<input type="checkbox"/> 5	<input type="checkbox"/> 9	<input type="checkbox"/> 65	<input type="checkbox"/> 48
<input checked="" type="checkbox"/> 8	<input checked="" type="checkbox"/> 12	<input type="checkbox"/>	<input checked="" type="checkbox"/> 51

(A) 48 (B) 68 (C) 58 (D) 63
- (66)

<input type="checkbox"/> 100	<input type="checkbox"/> 450	<input type="checkbox"/> 330	<input type="checkbox"/> 400
<input checked="" type="checkbox"/> 90	<input type="checkbox"/>	<input checked="" type="checkbox"/> 320	<input checked="" type="checkbox"/> 390

(A) 450 (B) 440 (C) 470 (D) 480



- (67)

$\frac{100}{500}$	$\frac{7}{35}$	$\frac{\square}{45}$	$\frac{4}{20}$
-------------------	----------------	----------------------	----------------

(A) 8 (B) 9 (C) 10 (D) 50

- (68)

$\frac{45}{50}$	$\frac{46}{51}$	$\frac{47}{52}$	$\frac{60}{\square}$
-----------------	-----------------	-----------------	----------------------

(A) 65 (B) 55 (C) 70 (D) 60

- (69) What comes next :- 25, 35, 45, _____
(A) 40 (B) 55 (C) 60 (D) 65

- (70) What comes next :- 56, 65, 74, _____
(A) 83 (B) 82 (C) 81 (D) 84

- (71) What comes next :- 8, 16, 32, _____
(A) 68 (B) 64 (C) 62 (D) 40

- (72) What comes next:- 39, 34, 29, _____
(A) 28 (B) 26 (C) 22 (D) 24

- (73) What comes next:- 105, 125, 145, _____
(A) 160 (B) 165 (C) 170 (D) 175

- (74) 1 year 8 months = _____ months
(A) 18 (B) 12 (C) 20 (D) 21

- (75) 7 week + 2 days = _____ days
(A) 51 (B) 52 (C) 50 (D) 49

- (76) 5 week - 3 days = _____ days
(A) 33 (B) 30 (C) 31 (D) 32

- (77) 4 year + 2 months = _____ Months
(A) 42 (B) 50 (C) 51 (D) 58



(78) ₹ 100 × 5 + ₹ 10 × 7 + ₹ 1 × 7 = ₹ _____
(A) ₹ 111 (B) ₹ 570 (C) ₹ 577 (D) ₹ 5700

(79) ₹ 100 × 3 + ₹ 50 × 2 = ₹ _____
(A) ₹ 300 (B) ₹ 400 (C) ₹ 450 (D) ₹ 500

(80) ₹ 50 × 2 + ₹ 10 × 3 + ₹ 100 + ₹ 4 = ₹ _____
(A) ₹ 342 (B) ₹ 234 (C) ₹ 344 (D) ₹ 236

(81) 5 km = _____ m
(A) 500 (B) 50 (C) 5000 (D) 50,000

(82) 7000 ml = _____ l
(A) 70 (B) 7 (C) 7000 (D) 700

(83) half kg = _____ grm
(A) 0.500 (B) 50 (C) 5000 (D) 500

(84) 5 meter = _____ cm
(A) 500 (B) 5000 (C) 50 (D) 5

(85) 5 dozens = _____ unit.
(A) 50 (B) 100 (C) 60 (D) 65

(86) Choose false statement.

(1) $5 + 6 < 4 + 8$

(2) $19 - 7 = 6 + 6$

(3) $9 + 9 > 25 - 6$

(4) $7 + 8 = 20 - 5$

- (A) 1 (B) 3 (C) 2 (D) 4

(87) Choose correct statement.

(i) $300 + 20 + 5 = 352$ (ii) $700 + 50 + 6 = 756$

(iii) $900 + 30 + 9 = 993$ (iv) $400 + 60 + 7 = 476$

- (A) (i) (B) (ii) (C) (iii) (D) (iv)



(88) How many days are there in January, March and May altogether.

- (A) 92 (B) 91 (C) 93 (D) 90

(89) $XIV + VII =$ _____

- (A) XXII (B) XIX (C) XXI (D) XXII

(90) $XXII - XIII =$ _____

- (A) IX (B) XI (C) VIII (D) XVI

(91) $VI \times IV =$ _____





- (A) XXIV (B) XXVI (C) XIX (D) XX

(92) $III + XIX =$ _____




- (A) XII (B) XIII (C) XIX (D) XXII

(93)  +  = 30, then 

- (A) 3 (B) 10 (C) 15 (D) 20

(94)  +  +  = 18 then  = ? _____

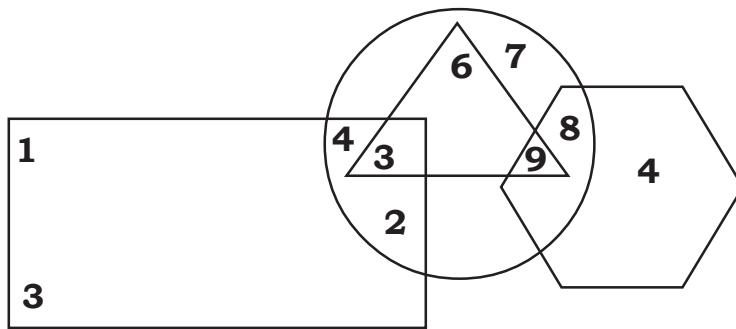
- (A) 8 (B) 3 (C) 4 (D) 6

(95)  +  = 90 then  = ?

- (A) 35 (B) 45 (C) 55 (D) 60

(96)  +  +  +  = 28 then  = ?

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



- (97) What is a sum of the numbers is rectangle.
 (A) 13 (B) 12 (C) 11 (D) 14
- (98) What is product of number in triangle.
 (A) 161 (B) 162 (C) 160 (D) 164
- (99) What is sum of numbers which belongs to rectangle and hexagon.
 (A) 34 (B) 43 (C) 44 (D) 42
- (100) What is a sum of number which belongs to circle.
 (A) 38 (B) 39 (C) 40 (D) 48

Answers

1	B	16	B	31	D	46	A	61	B	76	D	91	A
2	D	17	C	32	A	47	B	62	D	77	B	92	D
3	A	18	C	33	B	48	A	63	B	78	C	93	C
4	A	19	D	34	A	49	A	64	B	79	B	94	D
5	B	20	B	35	B	50	D	65	B	80	B	95	B
6	C	21	D	36	D	51	B	66	B	81	C	96	D
7	C	22	B	37	D	52	B	67	B	82	B	97	A
8	B	23	D	38	B	53	B	68	A	83	D	98	B
9	D	24	B	39	C	54	C	69	B	84	A	99	A
10	D	25	C	40	B	55	D	70	A	85	C	100	B
11	B	26	B	41	C	56	B	71	B	86	B		
12	C	27	C	42	C	57	B	72	D	87	B		
13	C	28	A	43	A	58	D	73	B	88	C		
14	C	29	C	44	C	59	D	74	C	89	C		
15	D	30	C	45	B	60	B	75	A	90	C		