



MENTAL MATHS COMPETITION 2016

: Organised by :

GLOBAL MATHS SCIENCE EDUCATION®

in association with

Math Vision PTE Ltd., Singapore

Name : _____

School : _____ Std. : **2**

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

Test	1	2	3	4	5	6	7	8	9	10	11	12	Total
Scored													
Out of	50	50	20	20	20	20	20	20	20	20	20	20	300

TOPICS INCLUDED

1. Horizontal Addition / Subtraction (With carryforward/ borrowing)
2. Vertical Addition / Subtraction (Without carryforward/ borrowing)
3. Addition / Subtraction (With 9, 10, 11, 12)
4. Multiplication (Tables : 2 to 10)
5. Find more than & less than.
6. Complete the number pattern.
7. Prepare 3 digit number from given group of digits.
8. Time (Draw missing minute hand)
9. Place value of given circled digit. (Please refer the footnote of Page no.10)
10. Mix sums. (Addition/ Subtraction/ Multiplication/ Division)

**Books
for extra practice
are available for
Std.1 to 7**

**GLOBAL KNOWLEDGE
PUBLICATIONS**

NOTE :

Students are requested to write all required answers in clear handwriting.

If parent have any query about the question paper format, kindly email us at mmcgmse@gmail.com. No telephonic conversation will be entertained . Your query will be answered within 24 hours time by our experts.

Addition (Horizontal)

$$2 + 3 = \underline{5}$$

$$4 + 5 = \underline{\quad}$$

$$6 + 7 = \underline{\quad}$$

$$8 + 9 = \underline{\quad}$$

$$3 + 2 = \underline{\quad}$$

$$5 + 4 = \underline{\quad}$$

$$7 + 6 = \underline{\quad}$$

$$9 + 8 = \underline{\quad}$$

$$2 + 5 = \underline{\quad}$$

$$4 + 7 = \underline{\quad}$$

$$6 + 9 = \underline{\quad}$$

$$8 + 3 = \underline{\quad}$$

$$2 + 4 = \underline{\quad}$$

$$4 + 6 = \underline{\quad}$$

$$6 + 8 = \underline{\quad}$$

$$4 + 2 = \underline{\quad}$$

$$3 + 5 = \underline{\quad}$$

$$5 + 7 = \underline{\quad}$$

$$7 + 9 = \underline{\quad}$$

$$9 + 3 = \underline{\quad}$$

$$5 + 1 = \underline{\quad}$$

$$1 + 6 = \underline{\quad}$$

$$2 + 7 = \underline{\quad}$$

$$3 + 2 = \underline{\quad}$$

$$5 + 5 = \underline{\quad}$$

$$6 + 3 = \underline{\quad}$$

$$5 + 5 = \underline{\quad}$$

$$7 + 3 = \underline{\quad}$$

$$1 + 9 = \underline{\quad}$$

$$9 + 8 = \underline{\quad}$$

$$6 + 3 = \underline{\quad}$$

$$4 + 2 = \underline{\quad}$$

$$8 + 7 = \underline{\quad}$$

$$7 + 6 = \underline{\quad}$$

$$2 + 1 = \underline{\quad}$$

$$1 + 5 = \underline{\quad}$$

$$3 + 9 = \underline{\quad}$$

$$2 + 8 = \underline{\quad}$$

$$2 + 2 = \underline{\quad}$$

$$7 + 4 = \underline{\quad}$$

$$3 + 3 = \underline{\quad}$$

$$6 + 2 = \underline{\quad}$$

$$6 + 6 = \underline{\quad}$$

$$8 + 8 = \underline{\quad}$$

$$7 + 7 = \underline{\quad}$$

$$3 + 6 = \underline{\quad}$$

$$4 + 4 = \underline{\quad}$$

$$2 + 2 = \underline{\quad}$$

$$8 + 6 = \underline{\quad}$$

$$5 + 5 = \underline{\quad}$$

Subtraction (Horizontal)

$$12 - 4 = \underline{8}$$

$$16 - 3 = \underline{\quad}$$

$$15 - 1 = \underline{\quad}$$

$$18 - 6 = \underline{\quad}$$

$$20 - 9 = \underline{\quad}$$

$$17 - 6 = \underline{\quad}$$

$$18 - 4 = \underline{\quad}$$

$$13 - 5 = \underline{\quad}$$

$$16 - 4 = \underline{\quad}$$

$$12 - 8 = \underline{\quad}$$

$$17 - 9 = \underline{\quad}$$

$$20 - 4 = \underline{\quad}$$

$$15 - 15 = \underline{\quad}$$

$$13 - 10 = \underline{\quad}$$

$$19 - 9 = \underline{\quad}$$

$$18 - 10 = \underline{\quad}$$

$$12 - 7 = \underline{\quad}$$

$$7 - 5 = \underline{\quad}$$

$$16 - 10 = \underline{\quad}$$

$$18 - 18 = \underline{\quad}$$

$$20 - 10 = \underline{\quad}$$

$$10 - 6 = \underline{\quad}$$

$$6 - 4 = \underline{\quad}$$

$$4 - 2 = \underline{\quad}$$

$$14 - 7 = \underline{\quad}$$

$$18 - 2 = \underline{\quad}$$

$$14 - 4 = \underline{\quad}$$

$$16 - 6 = \underline{\quad}$$

$$11 - 8 = \underline{\quad}$$

$$20 - 17 = \underline{\quad}$$

$$20 - 4 = \underline{\quad}$$

$$16 - 8 = \underline{\quad}$$

$$18 - 8 = \underline{\quad}$$

$$7 - 4 = \underline{\quad}$$

$$15 - 14 = \underline{\quad}$$

$$18 - 2 = \underline{\quad}$$

$$7 - 1 = \underline{\quad}$$

$$6 - 4 = \underline{\quad}$$

$$2 - 1 = \underline{\quad}$$

$$20 - 1 = \underline{\quad}$$

$$19 - 3 = \underline{\quad}$$

$$12 - 6 = \underline{\quad}$$

$$3 - 3 = \underline{\quad}$$

$$2 - 2 = \underline{\quad}$$

$$14 - 2 = \underline{\quad}$$

$$16 - 16 = \underline{\quad}$$

$$20 - 10 = \underline{\quad}$$

$$10 - 5 = \underline{\quad}$$

$$5 - 2 = \underline{\quad}$$

$$3 - 1 = \underline{\quad}$$

Addition

$$\begin{array}{r} 55 \\ + 44 \\ \hline 99 \end{array}$$

$$\begin{array}{r} 23 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + 37 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ + 66 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + 62 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + 61 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 46 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ + 20 \\ \hline \end{array}$$

Subtraction

$$\begin{array}{r} 88 \\ - 26 \\ \hline 62 \end{array}$$

$$\begin{array}{r} 59 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ - 41 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 44 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 33 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ - 33 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ - 33 \\ \hline \end{array}$$

Addition with 9, 10, 11, 12.

$$12 + 9 = \underline{21}$$

$$18 + 10 = \underline{\quad}$$

$$16 + 11 = \underline{\quad}$$

$$21 + 12 = \underline{\quad}$$

$$29 + 9 = \underline{\quad}$$

$$27 + 10 = \underline{\quad}$$

$$17 + 11 = \underline{\quad}$$

$$6 + 12 = \underline{\quad}$$

$$14 + 9 = \underline{\quad}$$

$$22 + 10 = \underline{\quad}$$

$$76 + 11 = \underline{\quad}$$

$$20 + 12 = \underline{\quad}$$

$$24 + 9 = \underline{\quad}$$

$$35 + 10 = \underline{\quad}$$

$$46 + 11 = \underline{\quad}$$

$$36 + 12 = \underline{\quad}$$

$$44 + 9 = \underline{\quad}$$

$$32 + 10 = \underline{\quad}$$

$$47 + 11 = \underline{\quad}$$

$$67 + 12 = \underline{\quad}$$

Subtraction with 9, 10, 11, 12.

$$19 - 9 = \underline{10}$$

$$20 - 10 = \underline{\quad}$$

$$35 - 11 = \underline{\quad}$$

$$22 - 12 = \underline{\quad}$$

$$78 - 9 = \underline{\quad}$$

$$69 - 10 = \underline{\quad}$$

$$18 - 11 = \underline{\quad}$$

$$75 - 12 = \underline{\quad}$$

$$39 - 9 = \underline{\quad}$$

$$40 - 10 = \underline{\quad}$$

$$49 - 11 = \underline{\quad}$$

$$82 - 12 = \underline{\quad}$$

$$89 - 9 = \underline{\quad}$$

$$77 - 10 = \underline{\quad}$$

$$66 - 11 = \underline{\quad}$$

$$50 - 12 = \underline{\quad}$$

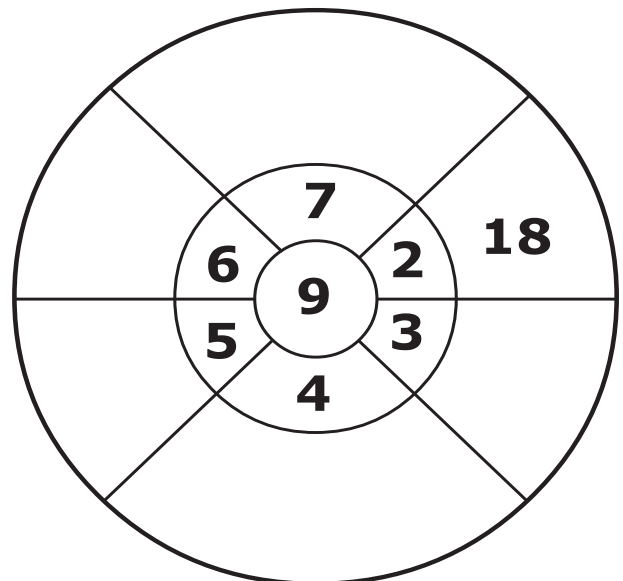
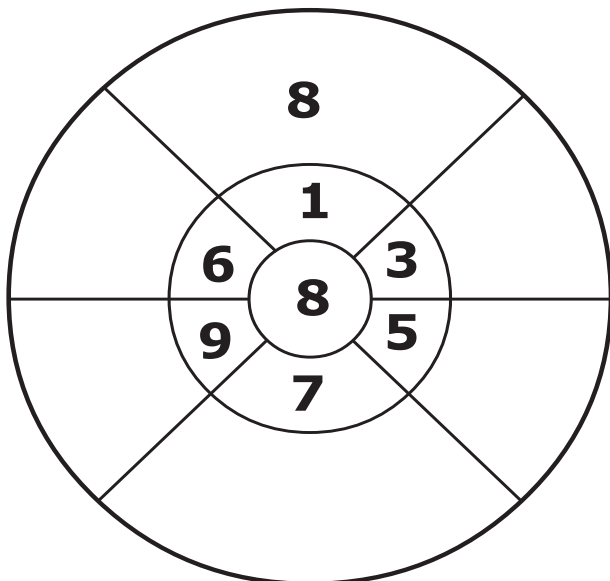
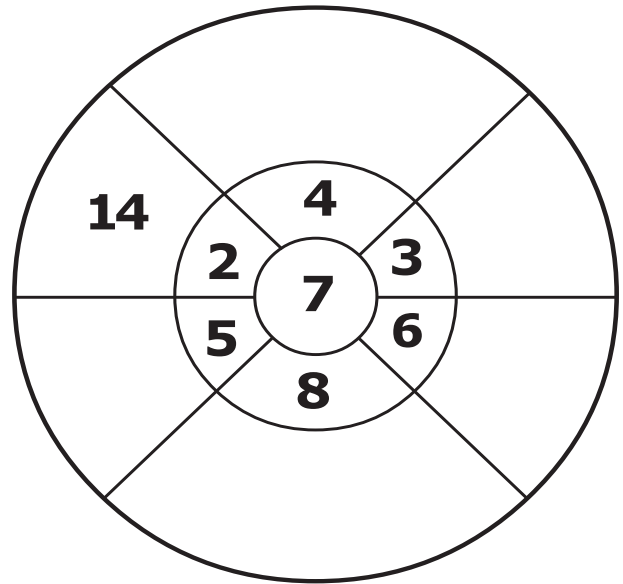
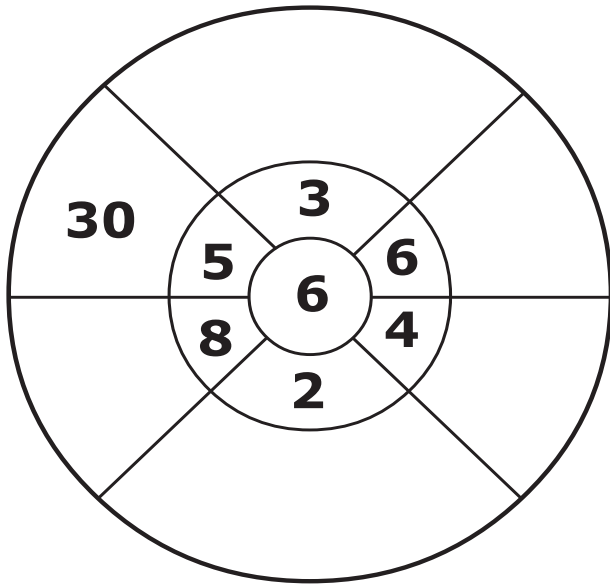
$$79 - 9 = \underline{\quad}$$

$$58 - 10 = \underline{\quad}$$

$$68 - 11 = \underline{\quad}$$

$$21 - 12 = \underline{\quad}$$

Complete the wheel with multiplication.



Find missing numbers.

$$13 + \underline{4} = 17$$

$$\underline{\quad} + 27 = 30$$

$$48 + \underline{\quad} = 52$$

$$\underline{\quad} + 22 = 28$$

$$37 + \underline{\quad} = 40$$

$$\underline{\quad} + 44 = 49$$

$$32 + \underline{\quad} = 34$$

$$\underline{\quad} + 20 = 25$$

$$68 + \underline{\quad} = 70$$

$$\underline{\quad} + 15 = 19$$

$$27 - \underline{\quad} = 21$$

$$\underline{\quad} - 4 = 4$$

$$38 - \underline{\quad} = 35$$

$$\underline{\quad} - 3 = 9$$

$$18 - \underline{\quad} = 13$$

$$\underline{\quad} - 5 = 19$$

$$54 - \underline{\quad} = 52$$

$$\underline{\quad} - 4 = 8$$

$$16 - \underline{\quad} = 10$$

$$\underline{\quad} - 5 = 17$$

Find the number more than/ less than

3 **more** than 420 423

2 **less** than 120 _____

4 **more** than 140 _____

5 **less** than 530 _____

3 **more** than 160 _____

2 **less** than 380 _____

3 **more** than 680 _____

4 **less** than 640 _____

5 **more** than 840 _____

4 **less** than 126 _____

3 **more** than 325 _____

4 **less** than 600 _____

5 **more** than 226 _____

2 **less** than 372 _____

4 **more** than 145 _____

3 **less** than 236 _____

2 **more** than 362 _____

2 **less** than 262 _____

3 **more** than 410 _____

5 **less** than 610 _____

Complete the number pattern.(10 marks)

- (1) 620, 630, 640 650
- (2) 175, 200, 225 _____
- (3) 260, 310, 360 _____
- (4) 320, 325, 330 _____
- (5) 717, 727, 737 _____
- (6) 513, 613, 713 _____
- (7) 820, 840, 860 _____
- (8) 135, 145, 155 _____
- (9) 110, 111, 112 _____
- (10) 512, 612, 712 _____

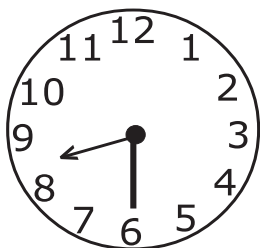
Write the place value of circled digit.(10 marks)

4	③	3	<u>30</u>
⑥	2	5	<u>600</u>
7	3	④	<u>4</u>
②	4	3	_____
2	⑤	6	_____

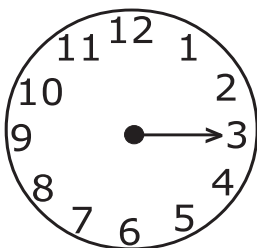
3	①	5	_____
⑧	2	0	_____
3	⑨	6	_____
6	⑥	6	_____
7	8	⑥	_____

Note: You can also write these answers as 3 tens, 6 hundreds & 4 ones respectively.

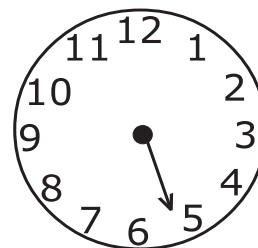
Draw the missing minute hand. (6 marks)



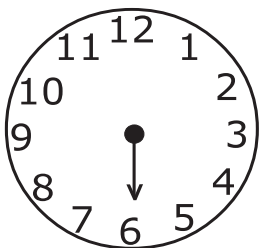
half past 8



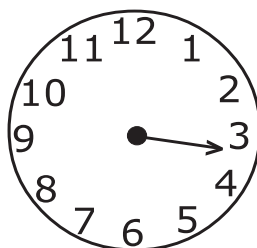
3 : 15



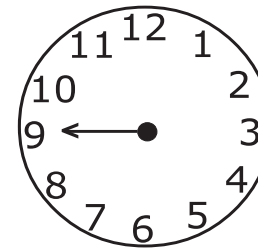
5 : 30



6 : 00



half past 3



quarter past 9

Prepare 3 digit numbers by using digit only once.(14marks)

	Smallest	Largest
(1) 2, 0, 6, 9	206	962
(2) 3, 7, 5, 6		
(3) 3, 8, 2, 4		
(4) 5, 7, 3, 8		
(5) 7, 9, 6, 3		
(6) 3, 4, 5, 2		
(7) 2, 1, 5, 6		

Mixed Sums. (Please solve these sum from left to right direction)

$$14 + 3 - 4 = \underline{13}$$

$$2 \times 1 - 1 = \underline{\quad}$$

$$17 - 4 + 7 = \underline{\quad}$$

$$2 \times 2 \times 2 = \underline{\quad}$$

$$3 \times 3 + 9 = \underline{\quad}$$

$$7 + 8 - 5 = \underline{\quad}$$

$$4 \times 2 - 6 = \underline{\quad}$$

$$2 \times 8 - 10 = \underline{\quad}$$

$$2 + 4 + 5 = \underline{\quad}$$

$$4 \times 4 + 4 = \underline{\quad}$$

$$7 + 2 - 4 = \underline{\quad}$$

$$8 - 3 + 2 = \underline{\quad}$$

$$8 + 5 - 4 = \underline{\quad}$$

$$6 + 4 - 3 = \underline{\quad}$$

$$9 \times 0 + 3 = \underline{\quad}$$

$$3 \times 5 - 8 = \underline{\quad}$$

$$3 \times 4 - 6 = \underline{\quad}$$

$$7 - 1 + 4 = \underline{\quad}$$

$$4 \times 3 - 8 = \underline{\quad}$$

$$2 - 1 + 3 = \underline{\quad}$$

Working Space

Working Space