INVM-0

1. Addition
2. Ekadhik
3. Ekanyunena
4. Balancing (Thumb Rule)
5. Dodging Table
6. Multiplication - Number Starting with 1
7. Multiplication - Number Ending with 1
8. Multiplication by 11
9. Multiplication by Multiples of 11
10. Multiplication by 101
11. Count the number of Triangle
12. Count the number of Circles

INVM-1

1. Addition
2. Ekadhik
3. Ekanyunena
4. Balancing (Thumb Rule)
5. Dodging Table
6. Table Formation
7. Multiplication - Number Starting with 1
8. Multiplication - Number Ending with 1
9. Multiplication by 11
10. Multiplication by Multiples of 11
11. Multiplication by 101
12. Convert Paise into Rupees
13. Convert Centimeter into Meter
14. Convert Gram into Kilogram
15. Convert Millilitre into Litre
16. Convert Meter into Kilometer
17. Convert Litre into Kilolitre
18. Convert Rupees into Paise
19. Convert Meter into Centimeter
20. Convert Kilogram into Gram
21. Convert Litre into Millilitre
22. Convert Kilometer into Meter
23. Convert Kilolitre into Litre
24. Count the number of Triangle
25. Count the number of Circles

INVM-2

1. Multiplication by 9
2. Multiplication by number ending with 9 (19-99)
3. Multiplication by number ending with 9 (199-999)
4. Multiplication by 5
5. Multiplication by 6 (Even Number)
6. Multiplication by 15
7. Multiplication by 25
8. Multiplication by 50
9. Division by 5
10. Division by 9
11. Division by 8
12. Division by 99
13. Division by 100
14. Division by 1000
15. Division by 25
16. Division by 50
17. Subtraction from 100
18. Subtraction from 100 & Decimal Subtraction
19. Subtraction from 1000
20. Subtraction from 100 & Decimal Subtraction
21. Addition of Time
22. Subtraction of Time
23. Count the Number of Rectangle
24. Count the Number of Squares

INVM-3

1. Multiplication by 11
2. Multiplication by Multiples of 11 (11,22,33,44……99)
3. Multiplication by 111
4. Multiplication by Multiples of 111 (111,222,333,444……999)
5. If the sum of the Unit Place digit is 10 and rest place Digits are same
6. If the sum of the Tens Place digit is 10 and Unit place Digits are same
7. Addition Base Method
8. Subtraction Base Method
9. Multiplication by 6 (Odd Numbers)
10. Digital Root
11. Divisibility by 2
12. Divisibility by 5
13. Divisibility by 10
14. Divisibility by 3
15. Multiplication by 125
16. Multiplication 2x2 (General Method)
17. Division by 125
18. Multiplication 1001 (For 101 to 998)
19. Multiplication 1001 (For 1001 to 1998)
20. Multiplication by 12, 13, 14……19

21.Multiplication by 112, 113, 114……119
22.Multiplication by 1112, 1113, 1114……1119
23.Multiplication by Number of 9
24.Grid 3x3

INVM-4

Note : Above 12 yrs. - Falls in Next Category

1. Multiplication by 11 and multiples of 11
2. Multiplication by 12 to 19
3. Multiplication by 111
4. Multiplication by 222 to 999
5. Base Method Multiplication
(a) Below Base 10
(b) Below Base 20-90
(c) Below Base 100
(d) Below Base 200-900
(e) Above Base 10
(f) Above Base 20-90
(g) Above Base 100
(h) Above Base 200-900
(I) Base method when one number is above & other is below the same base
(j) When Bases are different but both numbers are below base
(k) When Bases are different but both numbers are above base
6. If the sum of unit digits is 10 and rest place digits are same
7. If the sum of ten's place digit is 10 and one's place digits are same
8. Multiplication by 9
9. Multiplication of Number Ending with 9 i.e. 19- 99
10. General Method (2 digit x 2 digit)

INVM-5

1. Multiplication by 11 and multiples of 11
2. Multiplication by 12 to 19
3. Multiplication by 111
4. Multiplication by 222 to 999
5. Base Method Multiplication
(a) Below Base 10
(b) Below Base 20-90
(c) Below Base 100
(d) Below Base 200-900
(e) Above Base 10
(f) Above Base 20-90
(g) Above Base 100
(h) Above Base 200-900
(I) Base method when one number is above & other is below the same base
(j) When Bases are different but both numbers are below base
(k) When Bases are different but both numbers are above base

6. If the sum of unit digits is 10 and rest place digits are same
7. If the sum of ten's place digit is 10 and one's place digits are same
8. Multiplication by 9
9. Multiplication of Number Ending with 9 i.e. 19- 99
10. General Method (2 digit x 2 digit)
11. Subtraction (all from 9 last from 10)
12. Vinculum
13. Change unit digit into a vinculum
14. Change all digit to vinculum except first
15. Devinculate
16. Subtraction using vinculum
17. Addition Base Method
18. Subtraction Base Method
19 Addition Using Compliments
20 Division by 9
21. Division by 8
22. Division by 11
23. Division by 12
24. Division by 99
25. Division by number above base 100
26. Division Base Method (Above Base)
27. Division Base Method (Below Base)
28. Squares (Base Method)
29. Square of number ending with 5
30. Square of number starting with 5

INVM-6

1. Multiplication by 11 and multiples of 11
2. Multiplication by 12 to 19
3. Multiplication by 111
4. Multiplication by 222 to 999
5. Base Method Multiplication
(a) Below Base 10
(b) Below Base 20-90
(c) Below Base 100
(d) Below Base 200-900
(e) Above Base 10
(f) Above Base 20-90
(g) Above Base 100
(h) Above Base 200-900
(I) Base method when one number is above & other is below the same base
(j) When Bases are different but both numbers are below base
(k) When Bases are different but both numbers are above base
6. If the sum of unit digits is 10 and rest place digits are same
7. If the sum of ten's place digit is 10 and one's place digits are same
8. Multiplication by 9
9. Multiplication of Number Ending with 9 i.e. 19- 99
10. General Method (2 digit x 2 digit)
11. Subtraction (all from 9 last from 10)
12. Vinculum

13. Change unit digit into a vinculum
14. Change all digit to vinculum except first
15. Devinculate
16. Subtraction using vinculum
17. Addition Base Method
18. Subtraction Base Method
19 Addition Using Compliments
20 Division by 9
21. Division by 8
22. Division by 11
23. Division by 12
24. Division by 99
25. Division by number above base 100
26. Division Base Method (Above Base)
27. Division Base Method (Below Base)
28. Squares (Base Method)
29. Square of number ending with 5
30. Square of number starting with 5
31. Tables Using Vinculum
32. Multiplication by number of 9's
a) Multiplier has equal of 9's as multiplicand digits
b) Multiplier has less number of 9's as compared to digits of multiplicand
c) Multiplier has more number of 9's as compared to digits of multiplicand.
33. Multiplication General Method
a) 2 D x 2 D
b) 3 D x 3 D
c) 3 D x 2 D
d) 4 D x 4 D
e) 4 D x 3 D
f) 4 D x 2 D
34. Division General Method [Flag Method]
35. Squares by Duplex Method
36. Addition of Squares
37. Square Roots of Exact Squares
38. CUBES
39. Cube Roots of Exact Cubes
40. Fourth Power 2 Digit Number