

DAY 27

*25th Dec
25th Jan*

Ref.

MCA CET 2025

REASONING

NUMBER

PUZZLE



INEXORABLE
MAH MCA CET 2025
FREE CRASH COURSE

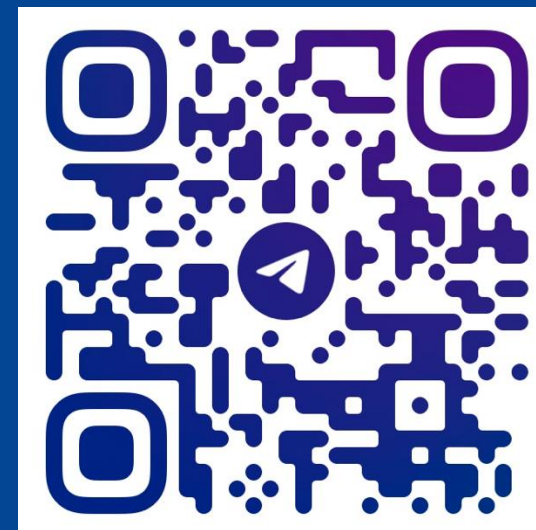


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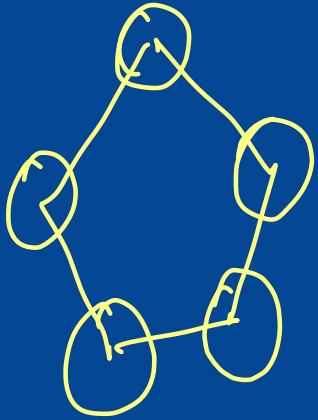
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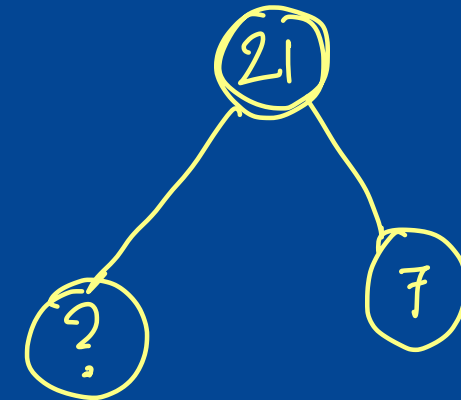
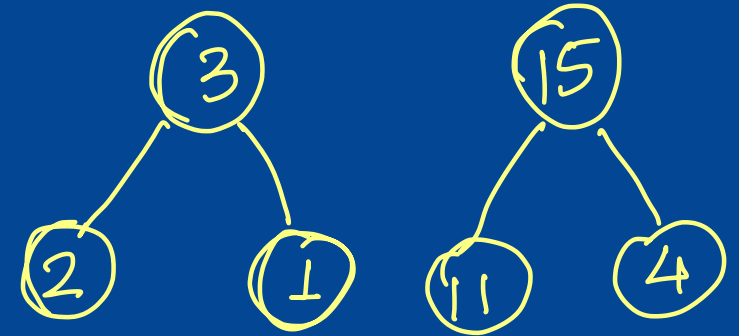
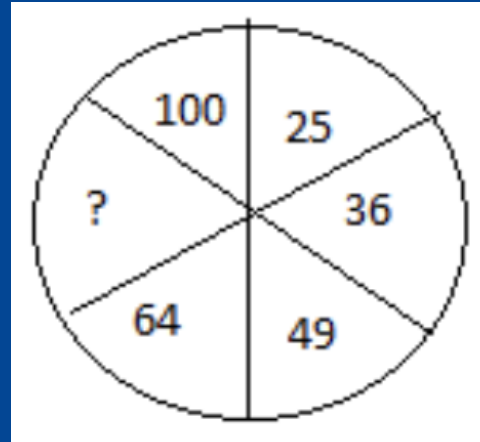


Number Puzzle / Missing Number

To find the missing number in the matrix or figure sequence.



8	10	7
12	15	?
24	30	21
60	75	52.5



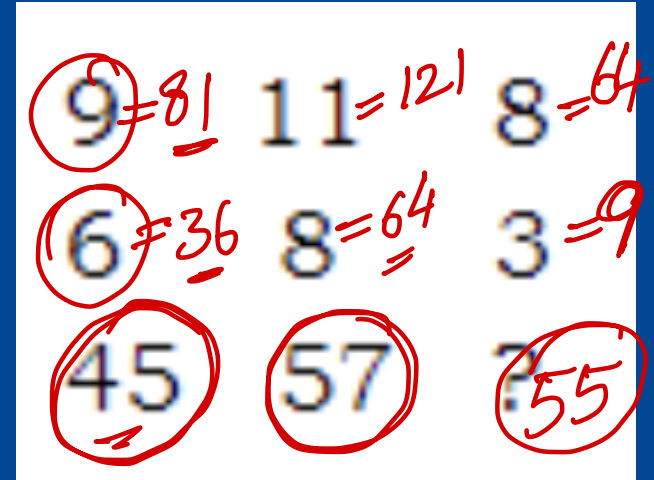


(a) 54

(c) 52

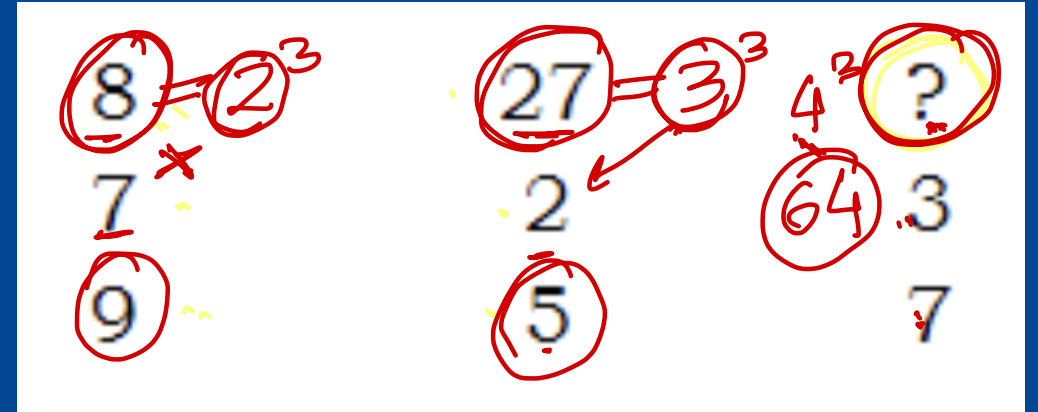
~~(b) 55~~

(d) 53





(a) 16 (b) ~~64~~ (c) 36 (d) 25





(a) 8 (b) 27 (c) 5 (d) 36

64

25 →

4	↓	3	1
5	↓	4	2
89		43	?

$$3^3 = 27$$

$$4^2 = 16$$

$$\underline{43}$$

$$1^3 = 1$$

$$2^2 = 4$$

$$\underline{5}$$



(a) 20 (b) 25 (c) 22 (d) 18

4	11	19
5	6	0
9	13	3
18	30	22



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

2.	3.	5.
125	343	216
3	4	?

Handwritten annotations in red: 5^3 next to 125, 7^3 next to 343, 6^3 next to 216, and 3^3 next to the question mark.



(a) 36 (b) 72 (c) 48 (d) 54

$$7 \times 7 - 1 = 48$$

$$11 \times 5 - 1 = ? \underline{54}$$

$$9 \times 5 - 0 = 45$$



(a) 5 (b) 3 (c) 6 (d) 4

$$20 + 9 = 29$$

5	1	3
9	9	4
6	?	7
29	22	18

$$\underline{\underline{1 + 9 + 9 + \square = 22}}$$

(3)

$$14 + 4 = 18$$



(a) 41 (b) 43 (c) 37 (d) 31

3	4	7
6 ⊕	4 ⊕	2 ⊕
3 ← 9	2 ← 9	5 ← 35
15	12	? 37



(a) 72 (b) 36 (c) 54 (d) 18

9	3	7
6	2	8
4	5	3
38	20	?

$19 \times 2 = 38$

$10 \times 2 = 20$

$18 \times 2 = \underline{\underline{36}}$



(a) 11 (b) 22 (c) 10 (d) 13

6	12	7
9	4	11
11	6	2
13	?	10

$$\frac{26}{2} \longrightarrow$$

$$\frac{20}{2}$$

$$\frac{22}{2} = 11$$



(a) 64 (b) 96 (c) 82 (d) 74

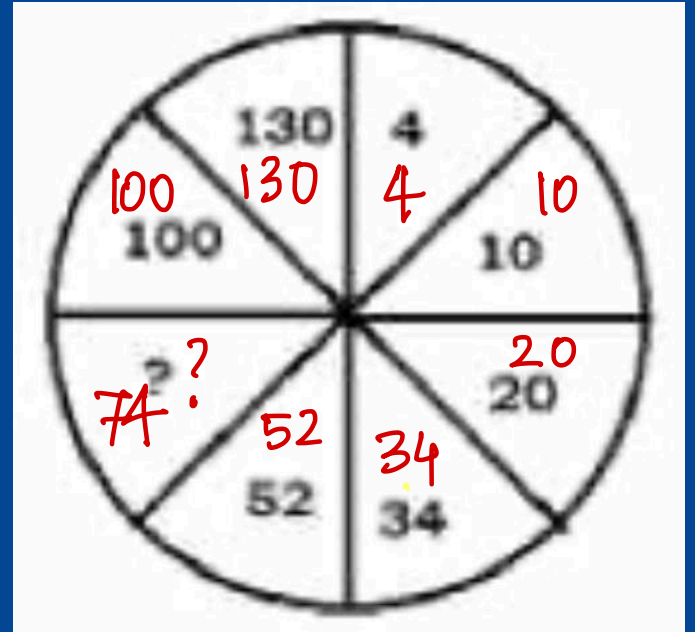
$$4 + \boxed{6} = \underline{10}$$

$$10 + \boxed{10} = 20$$

$$20 + 14 = 34$$

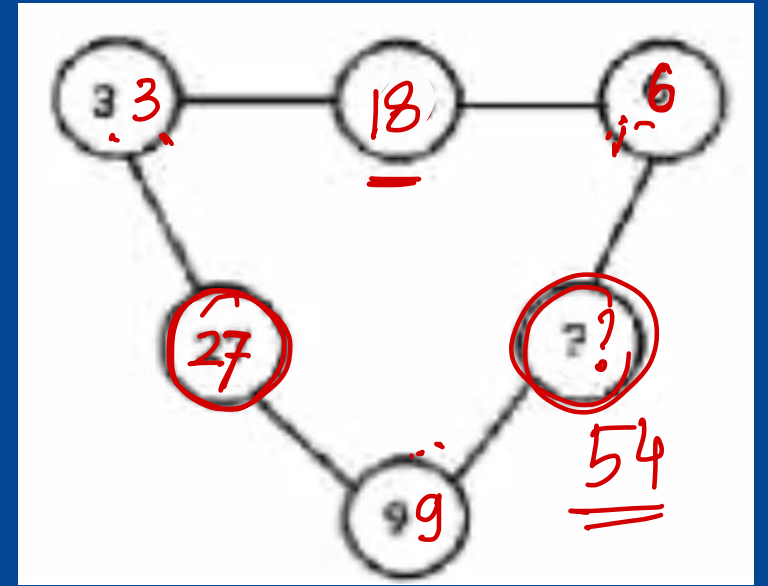
$$34 + 18 = 52$$

$$52 + 22 = 74$$





~~(a) 54~~ (b) 18 (c) 38 (d) 29





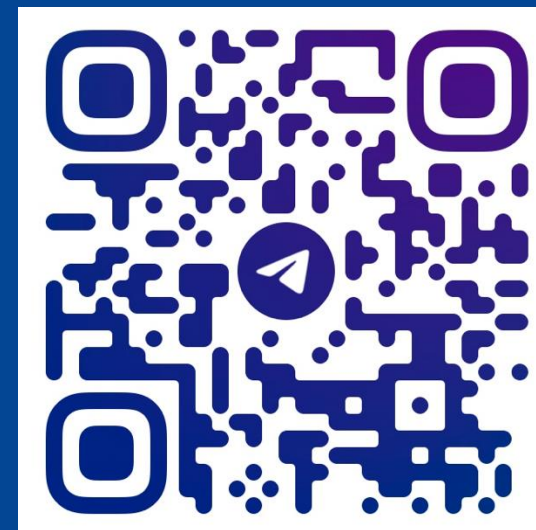
Worksheet

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