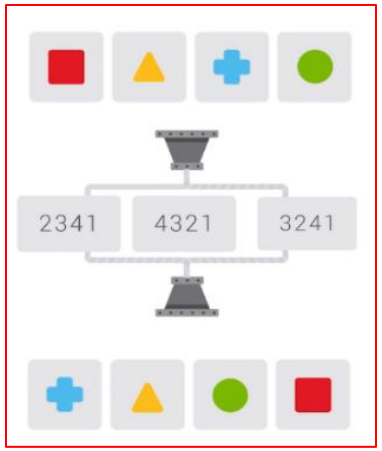
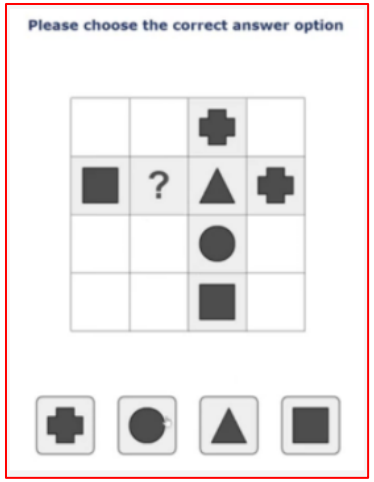
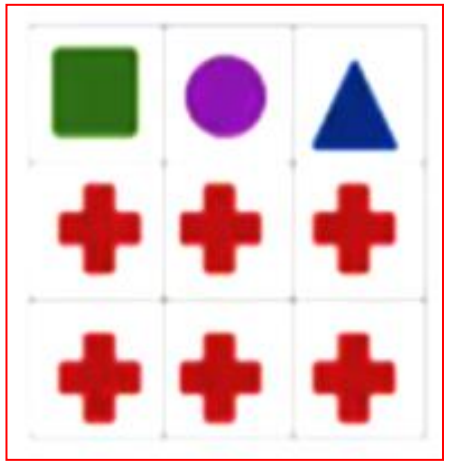
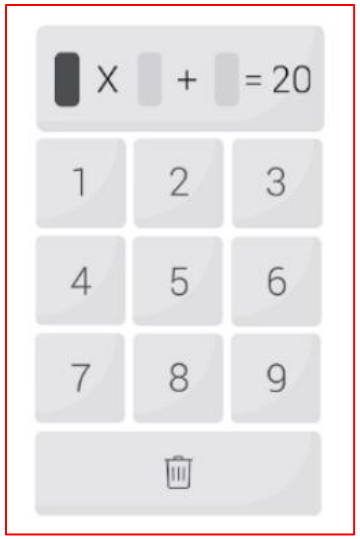
Cognizant

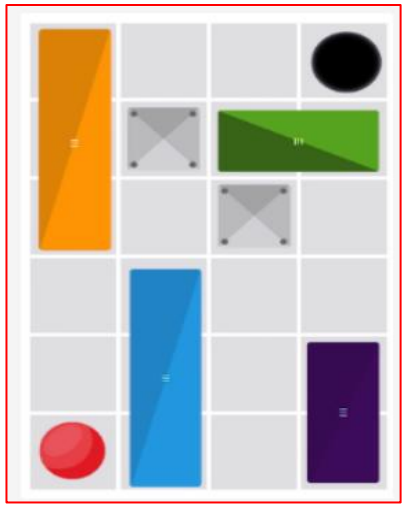






Game Based Aptitude Test





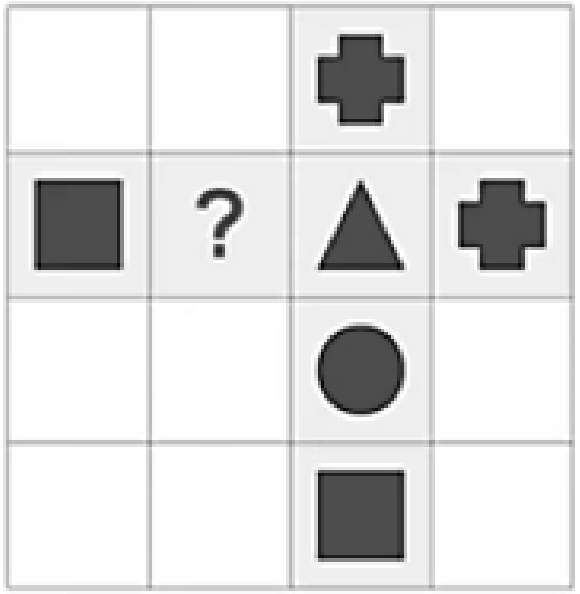
Game based Aptitude Test has 4 Aptitude based games to be played, these games are randomly selected from 24 games present in the system.

Most Frequently Asked Games

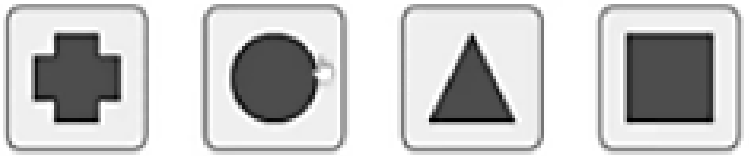
→ Deductive Logical Thinking(Geo-Sudo)
→ Inductive-logical Thinking
→ Grid Challenge
→ Switch Challenge
→ Digit Challenge
→ Motion Challenge
→ Memory Challenge
→ Colour the Grid Challenge

Deductive Logical Thinking (Geo-Sudo Challenge)

Find a missing Symbol based in a 4×4 or 5×5 grid based on Geometrical Sudoku



Options:



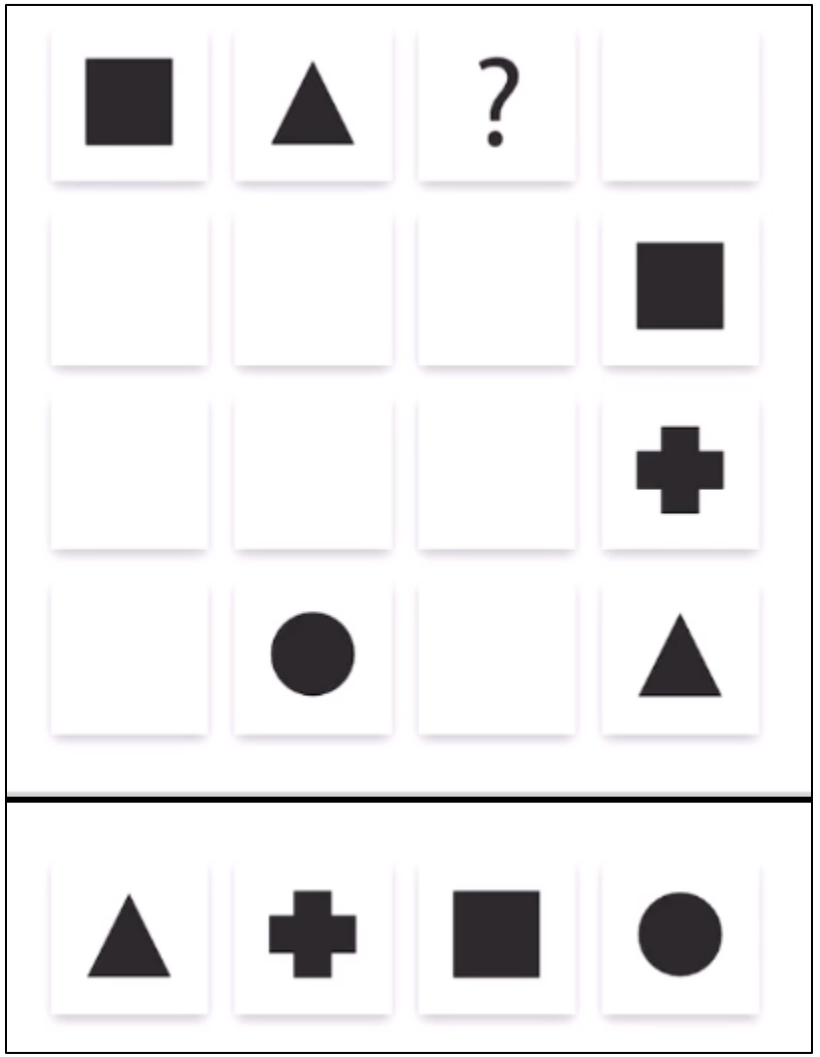
Problem Statement: You're given a 4×4 or 5×5 or 6×6 grid. You're supposed to find the missing value based on some rules

Decoding Rules: One geometrical shape can only occur once, in any row or any column

GS - 1

Geo - Sudo Challenge

Find the missing part.

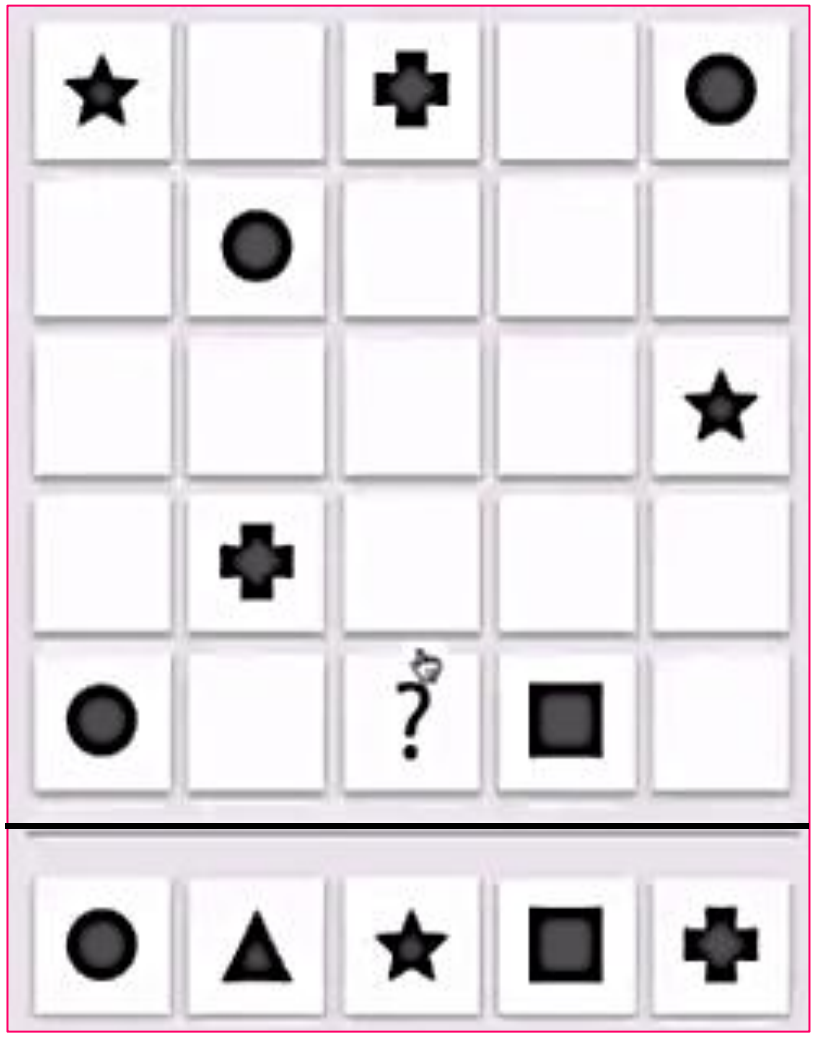


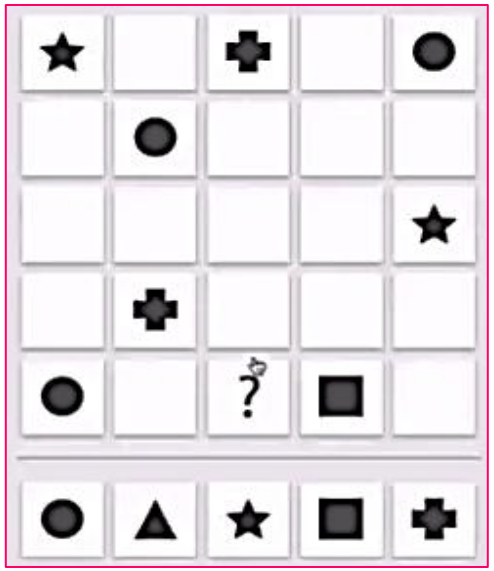
1 2 3 4

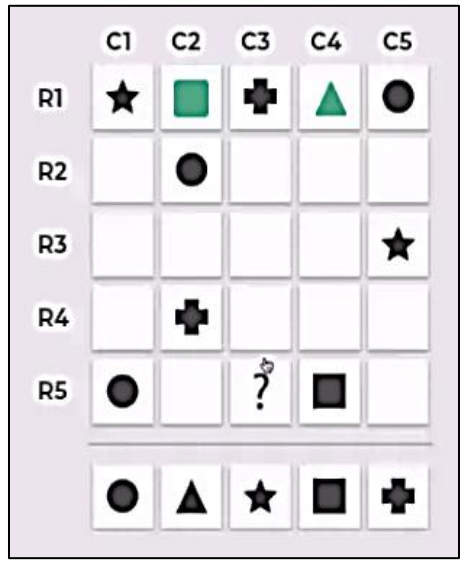
GS - 2

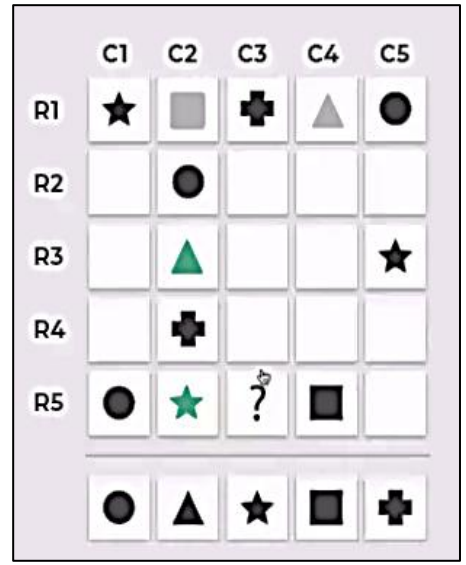
Geo - Sudo Challenge

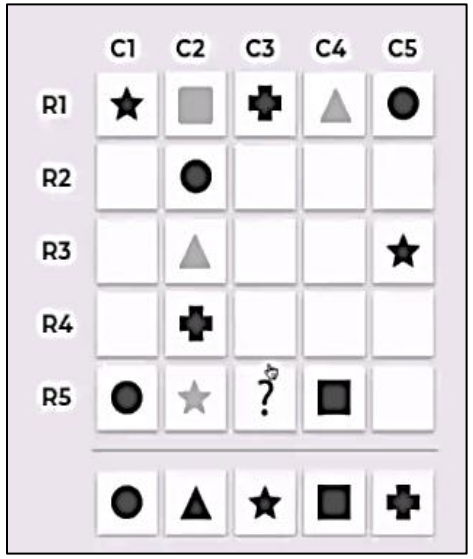
Find the missing part.

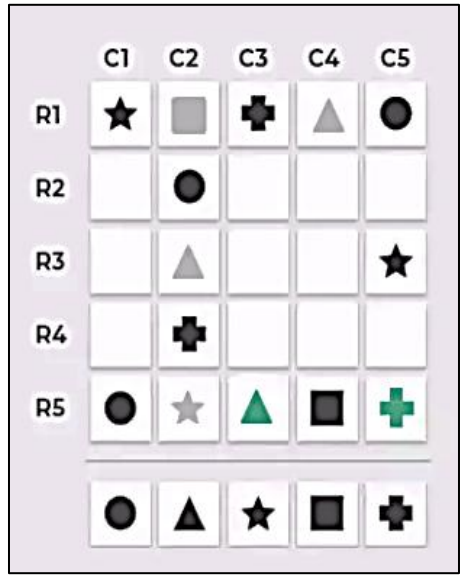


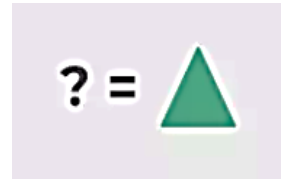



C1 C2 C3 C4 C5
R1
R2
R3
R4
R5


C1 C2 C3 C4 C5
R1
R2
R3
R4
R5


C1 C2 C3 C4 C5
R1
R2
R3
R4
R5


C1 C2 C3 C4 C5
R1
R2
R3
R4
R5

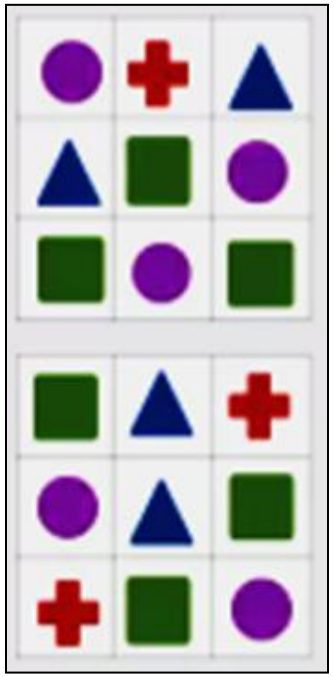

? =

GS - 2

Inductive Logical Thinking

Problem Statement: You will be shown a few figures. Your job, is to mark image/images that don't fit the rule logically.

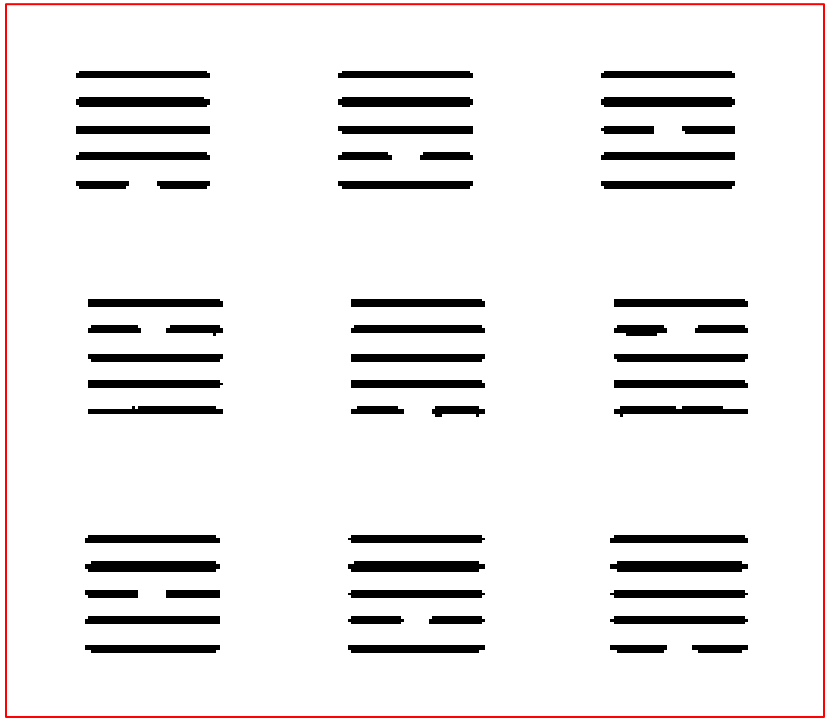
OR



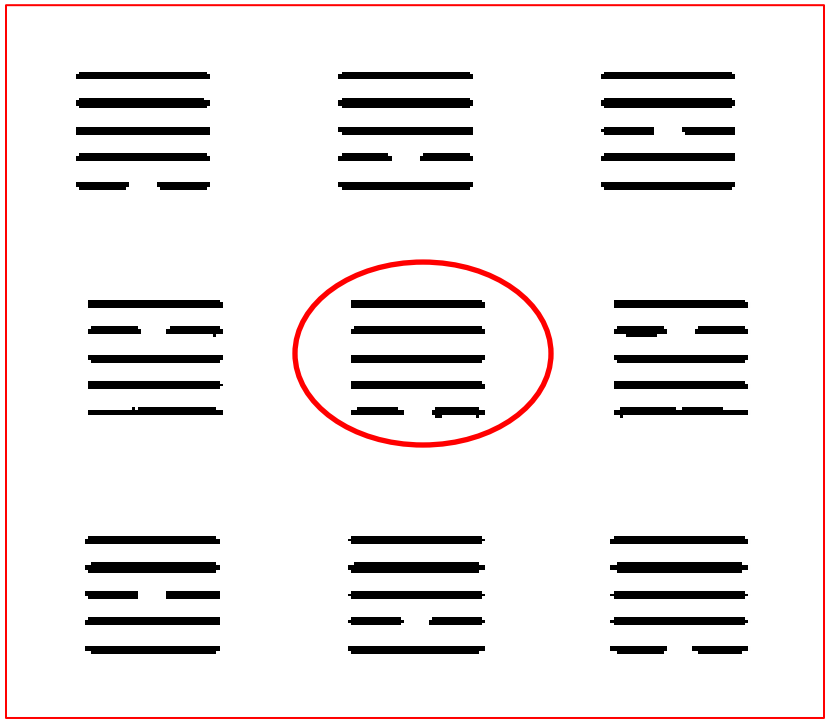
Problem Statement: You will be shown a few figures. Your job, is to mark image/images that fit the rule logically.

Pick the one that doesn't fit the group.

Doesn't fit the rule



DFR - 1



In 1 → 5th line broken.

In 2 → 4th line broken.

In 3 → 3rd line broken.

In 4 → 2nd line broken.

In 5 → 5th line broken.

In 6 → 2nd line broken.

DFR - 1

Pick the one that doesn't fit the group.

Doesn't fit the rule

DFR - 2

Pick the one that doesn't fit the group.

Doesn't fit the rule

DFR - 2

In all pictures, there are two images one filled with black and one empty and they don't overlap one another.

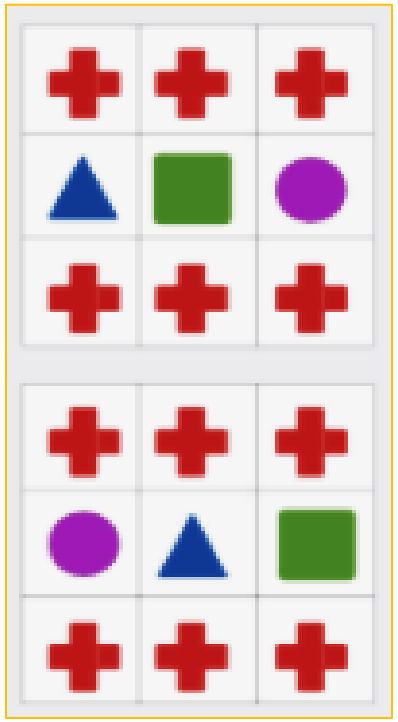
But in picture 3 they overlap,

hence it is odd one out

FR - 1

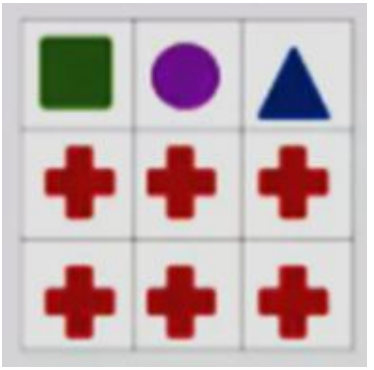
fit the same rule

These two grids follow the same rule

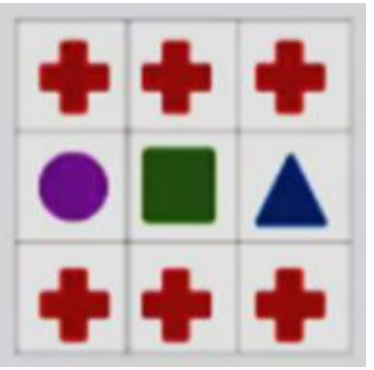


Which of the given grids follow the same rule?

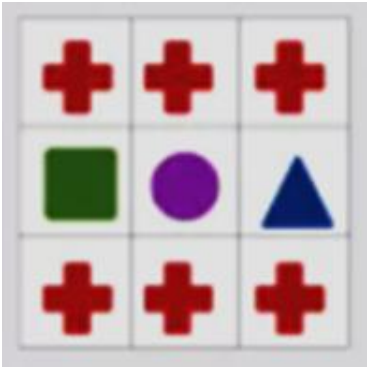
1



2



3

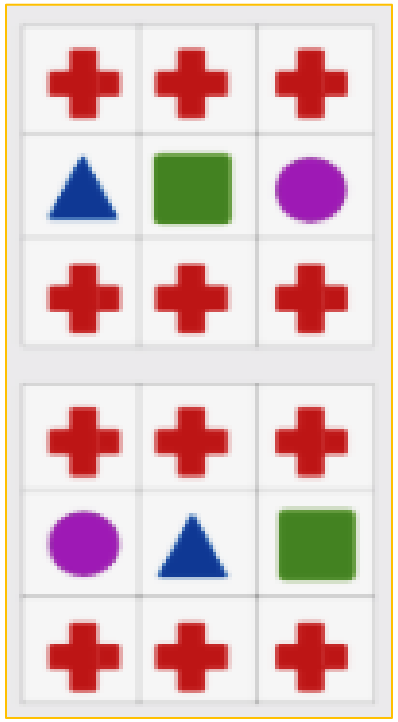


4

FR - 1

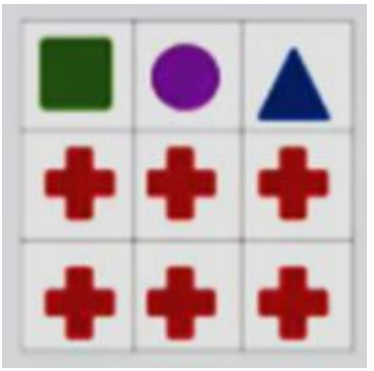
fit the same rule

These two grids follow the same rule

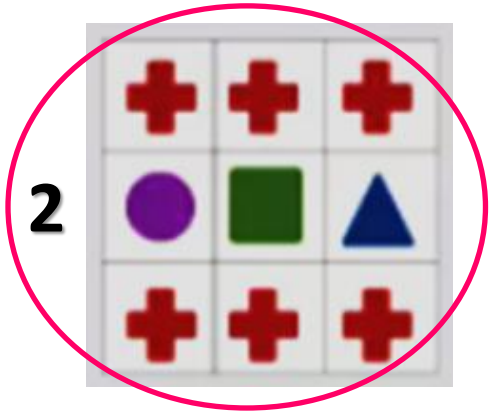


Which of the given grids follow the same rule?

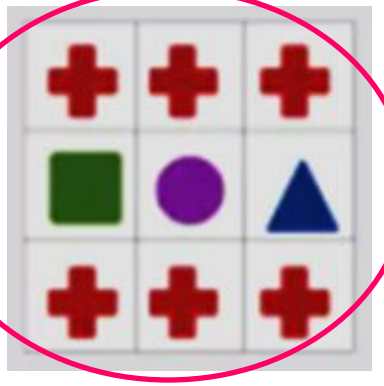
1



2



3



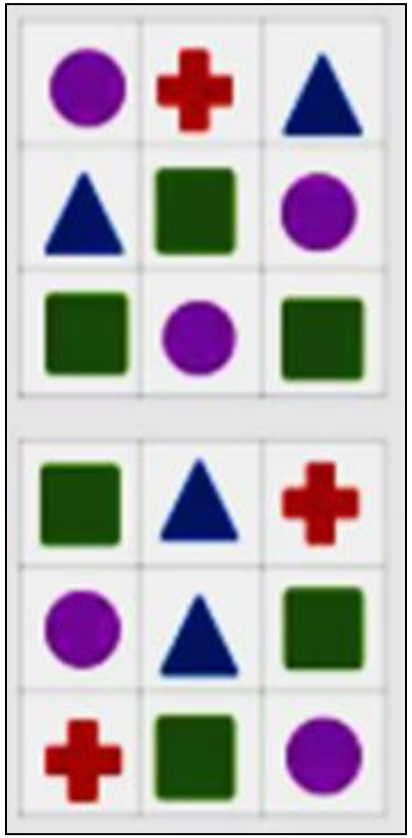
4

Images **2** & **3**, first and last rows all contain + signs

FR - 2

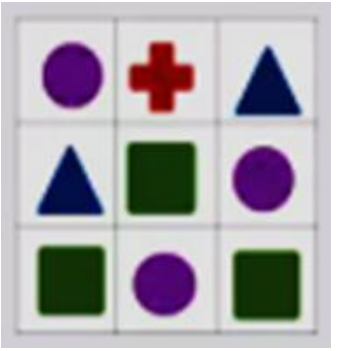
fit the same rule

These two grids follow the same rule



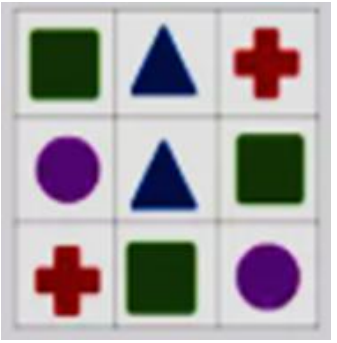
Which of the given grids follow the same rule?

1



2

3

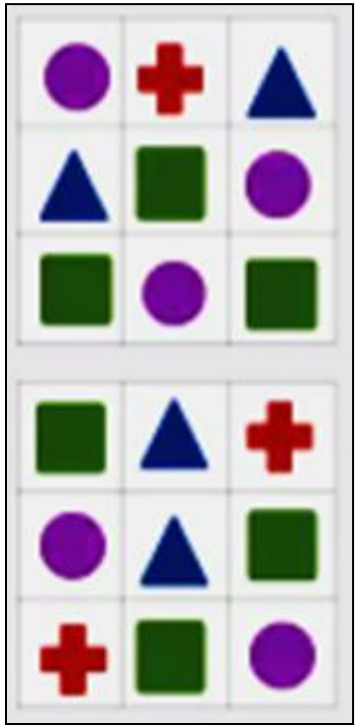


4

FR - 2

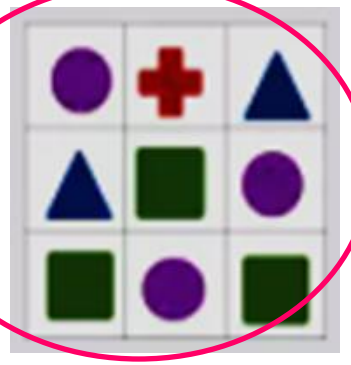
fit the same rule

These two grids follow the same rule



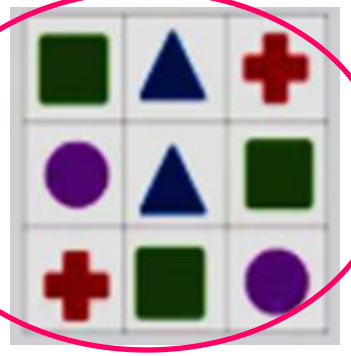
Which of the given grids follow the same rule?

1



2

3



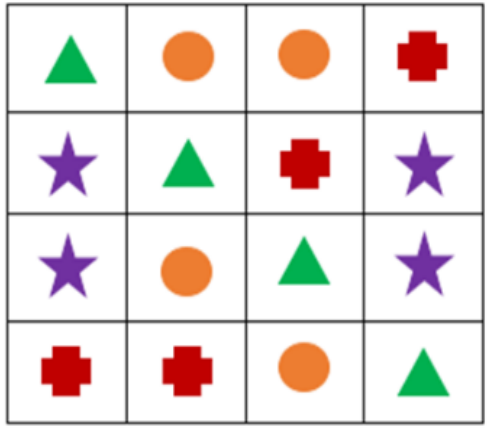
4

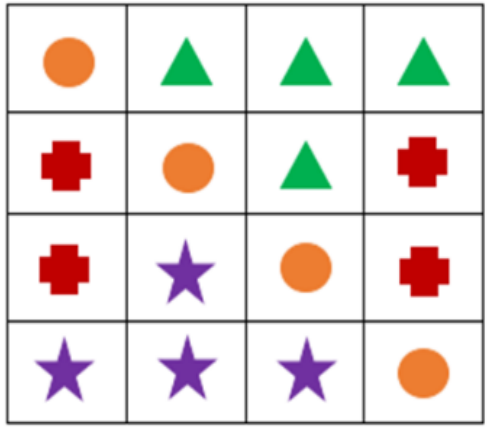
Images **1** & **3**, middle rows don't contain shapes more than 4 sides

FR - 3

fit the same rule

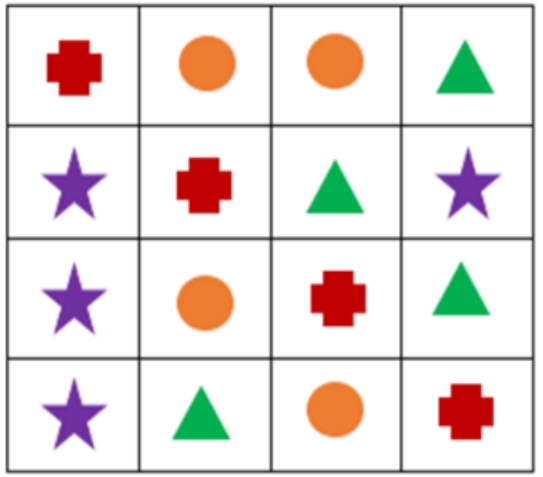
These two grids follow the same rule



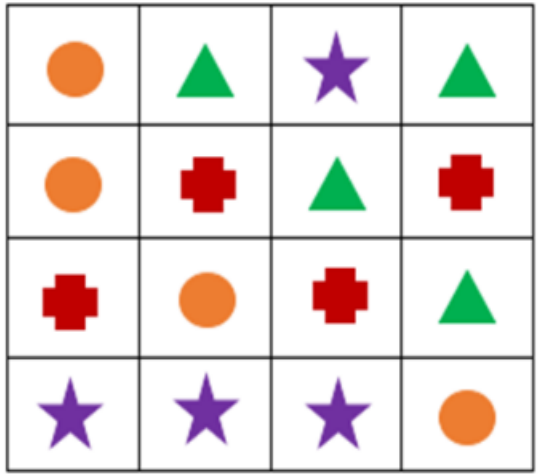


Which of the given grids follow the same rule?

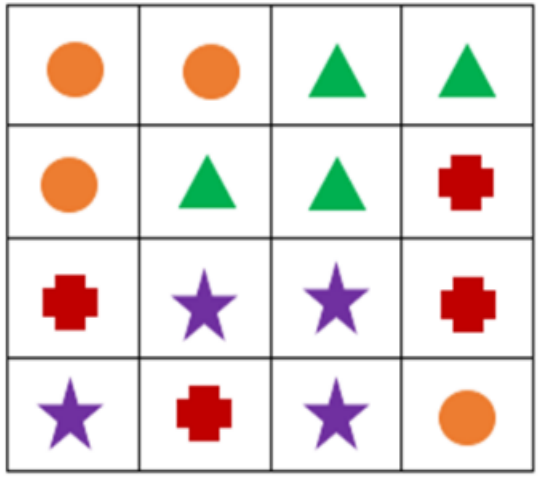
1



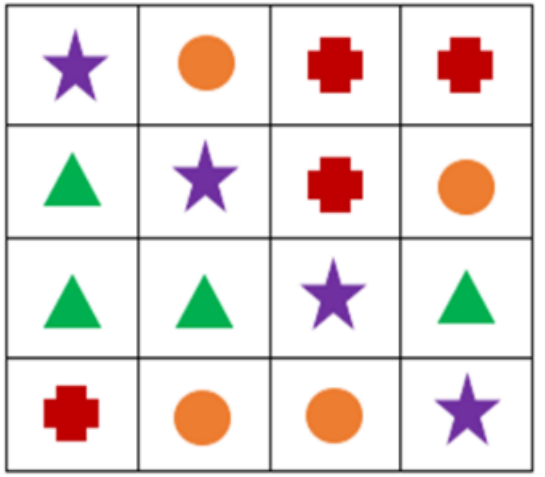
2



3



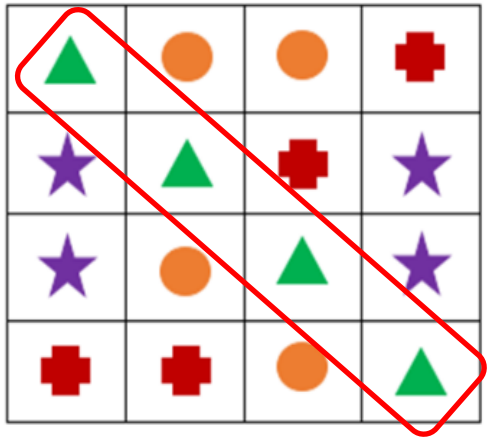
4

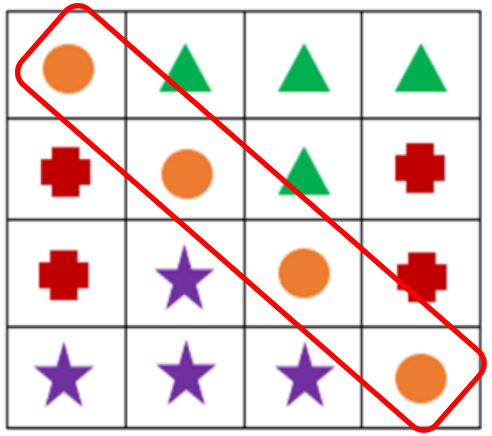


FR - 3

fit the same rule

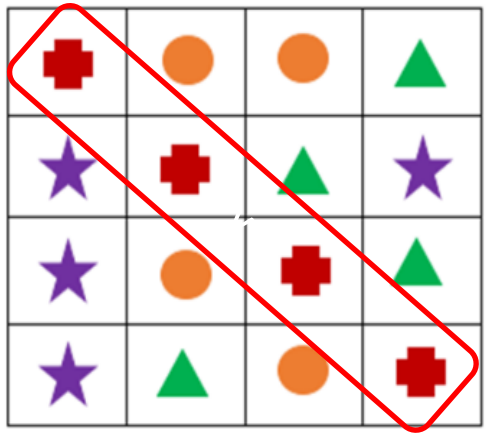
These two grids follow



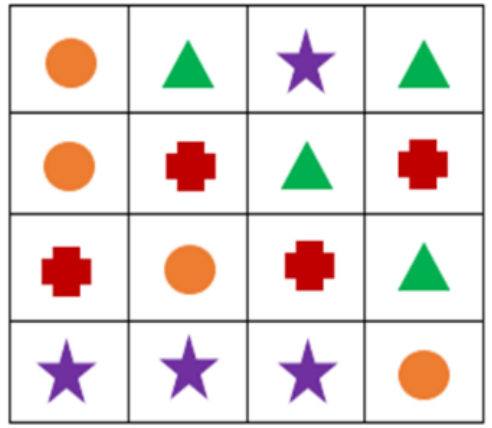


Which of the given grids follow the same rule?

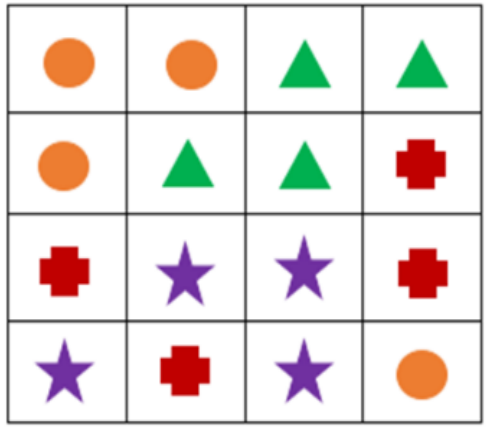
1



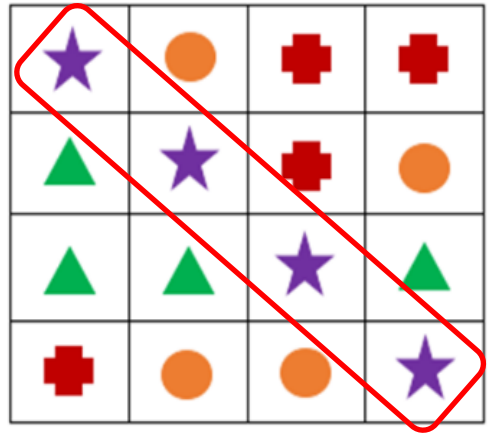
2



3



4

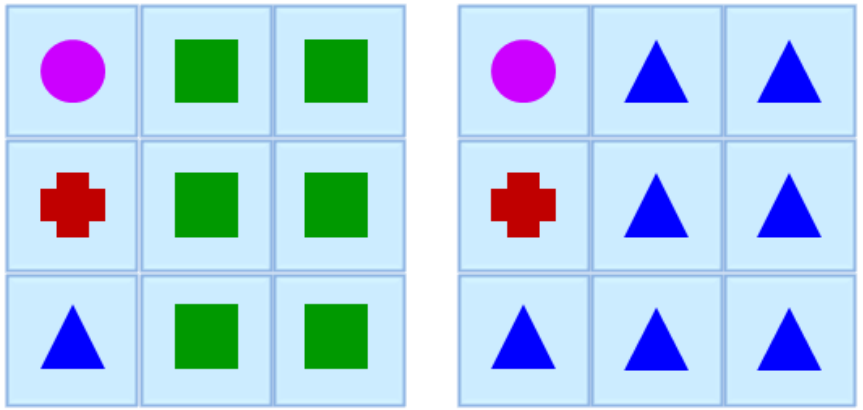


Images **1** & **4**, elements along the **diagonal** are similar.

FR - 4

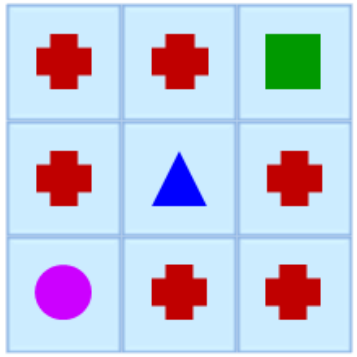
fit the same rule

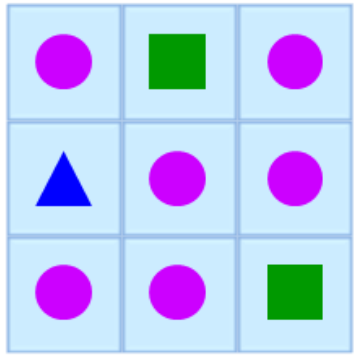
These two grids follow the same rule



Which of the given grids follow the same rule?

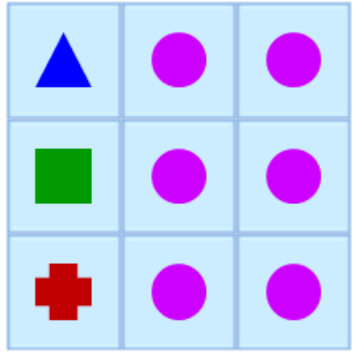
1

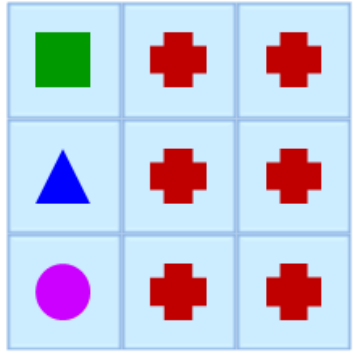




2

3



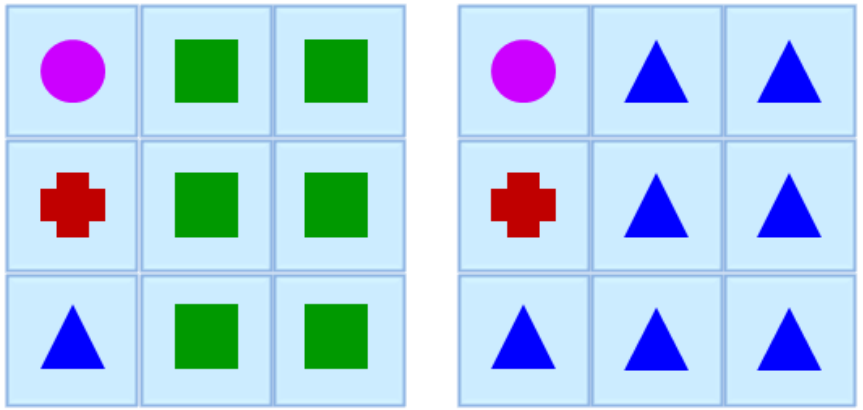


4

FR - 4

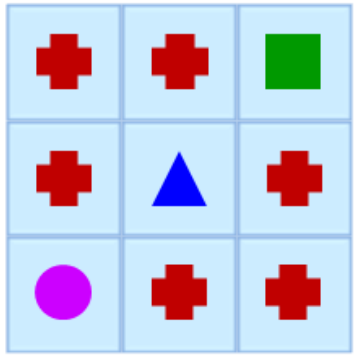
fit the same rule

These two grids follow the same rule

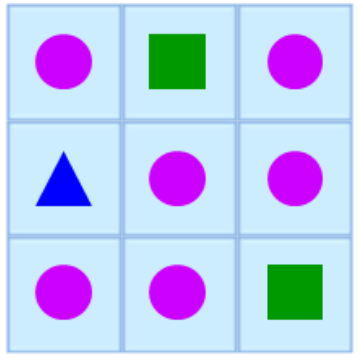


Which of the given grids follow the same rule?

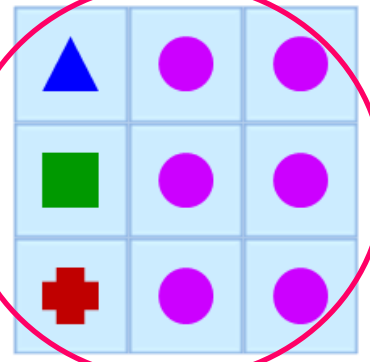
1



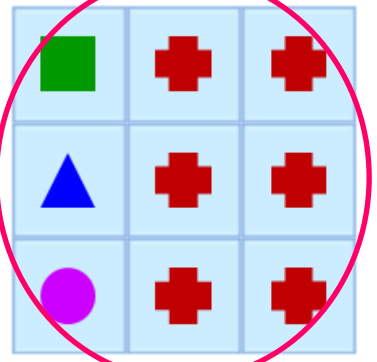
2



3

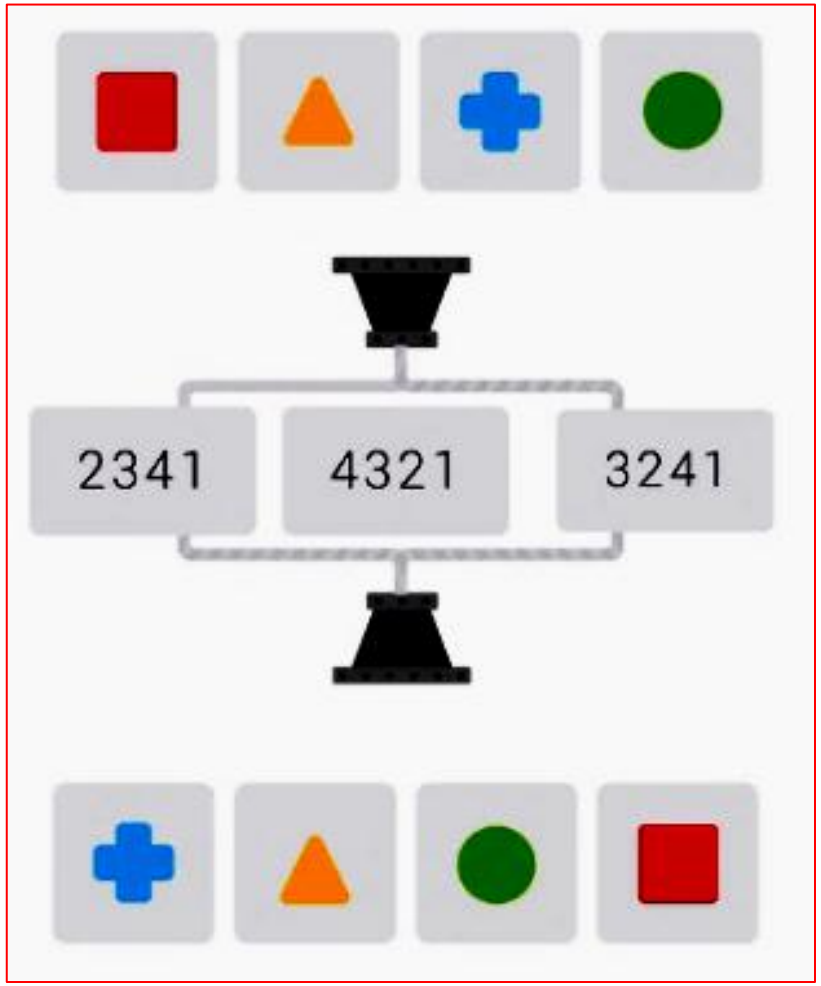


4



Images **3** & **4**, elements along column 2 & 3 are same.

Switch Challenge



Rules to Solve:

Problem Statement:

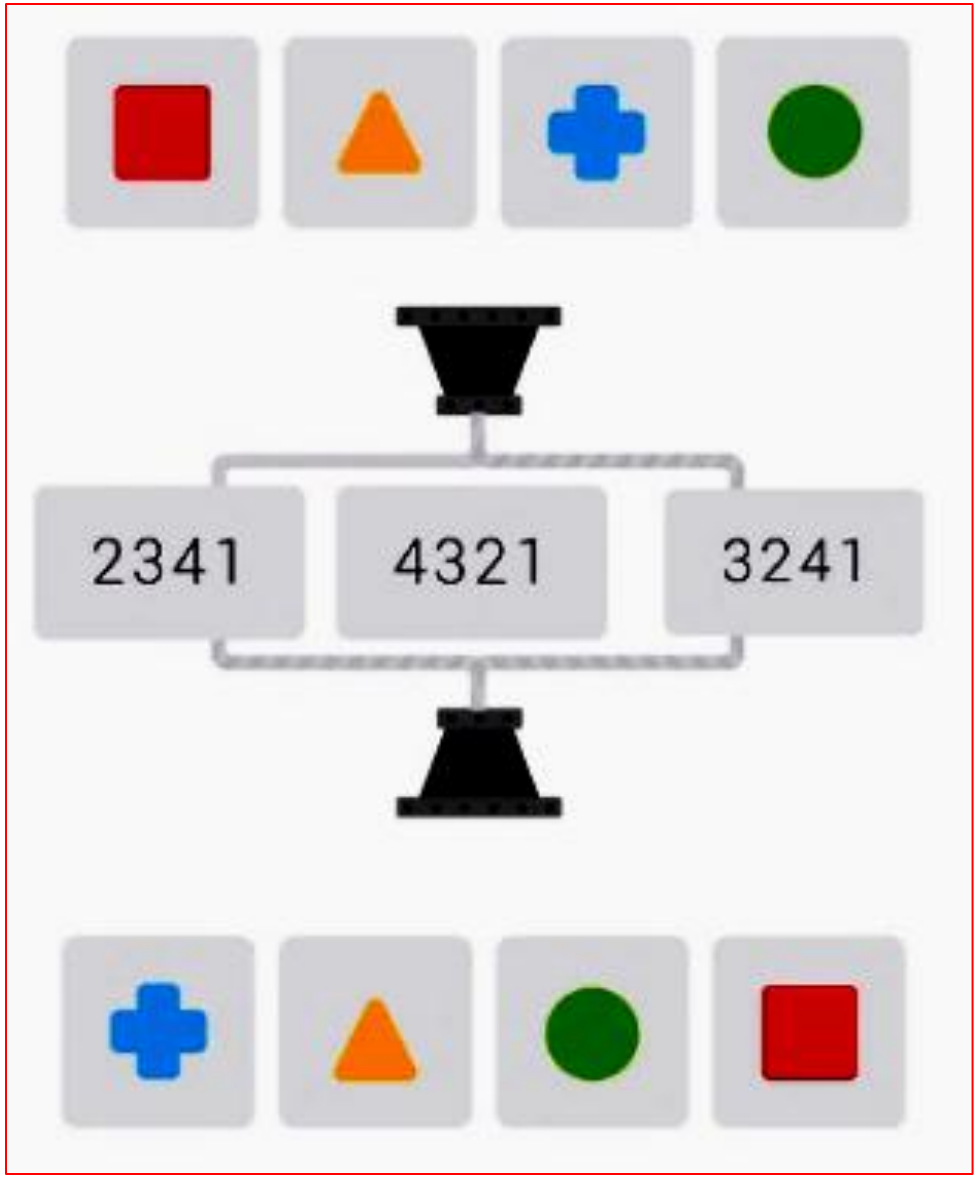
A series of Geometrical shapes are given, they run through a switch containing code. Based on the code, the positional output of these geometrical shapes change,

you're supposed to predict which code was used.

SC - 1

Switch Challenge

Solve:

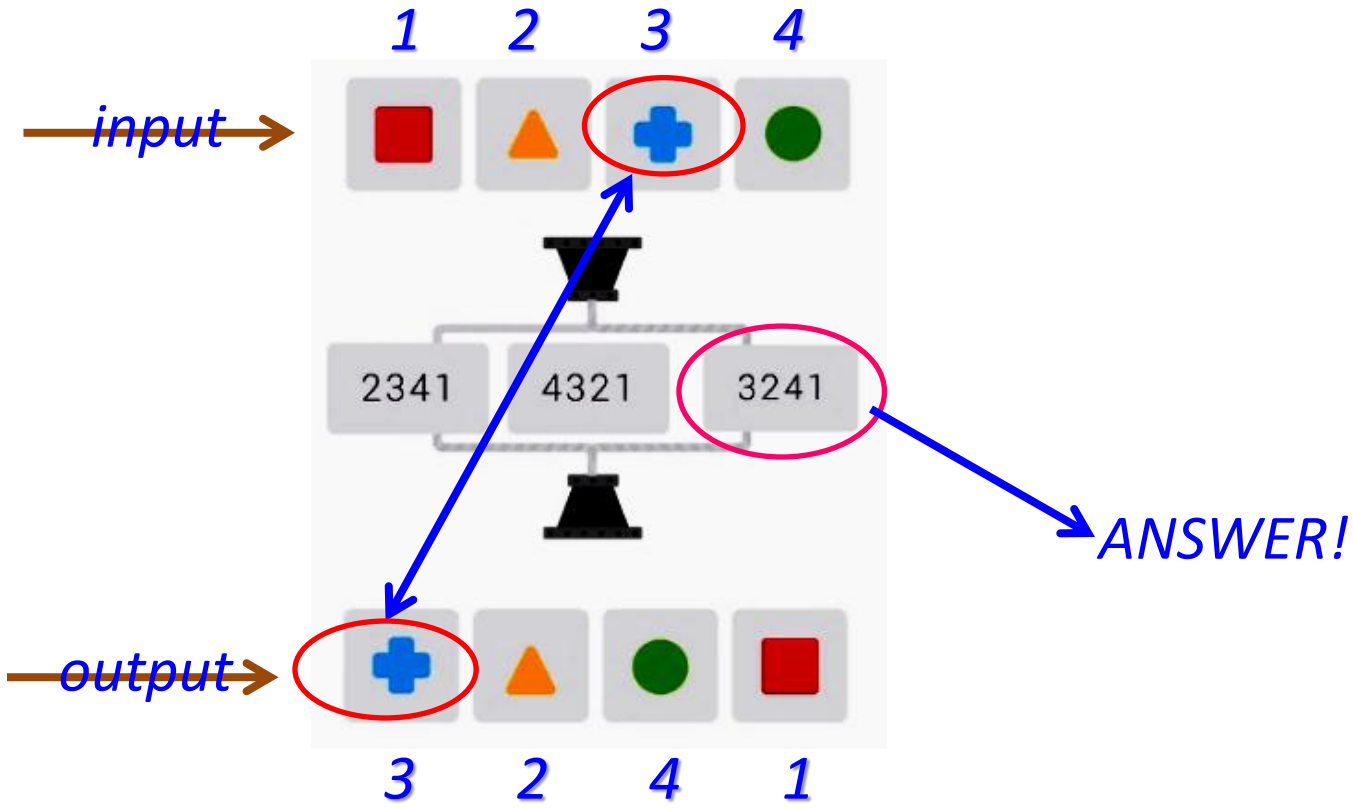


SC - 1

Solution:

Switch Challenge

Assign values 1 2 3 4 to input



put values of each shape to output

SC - 2

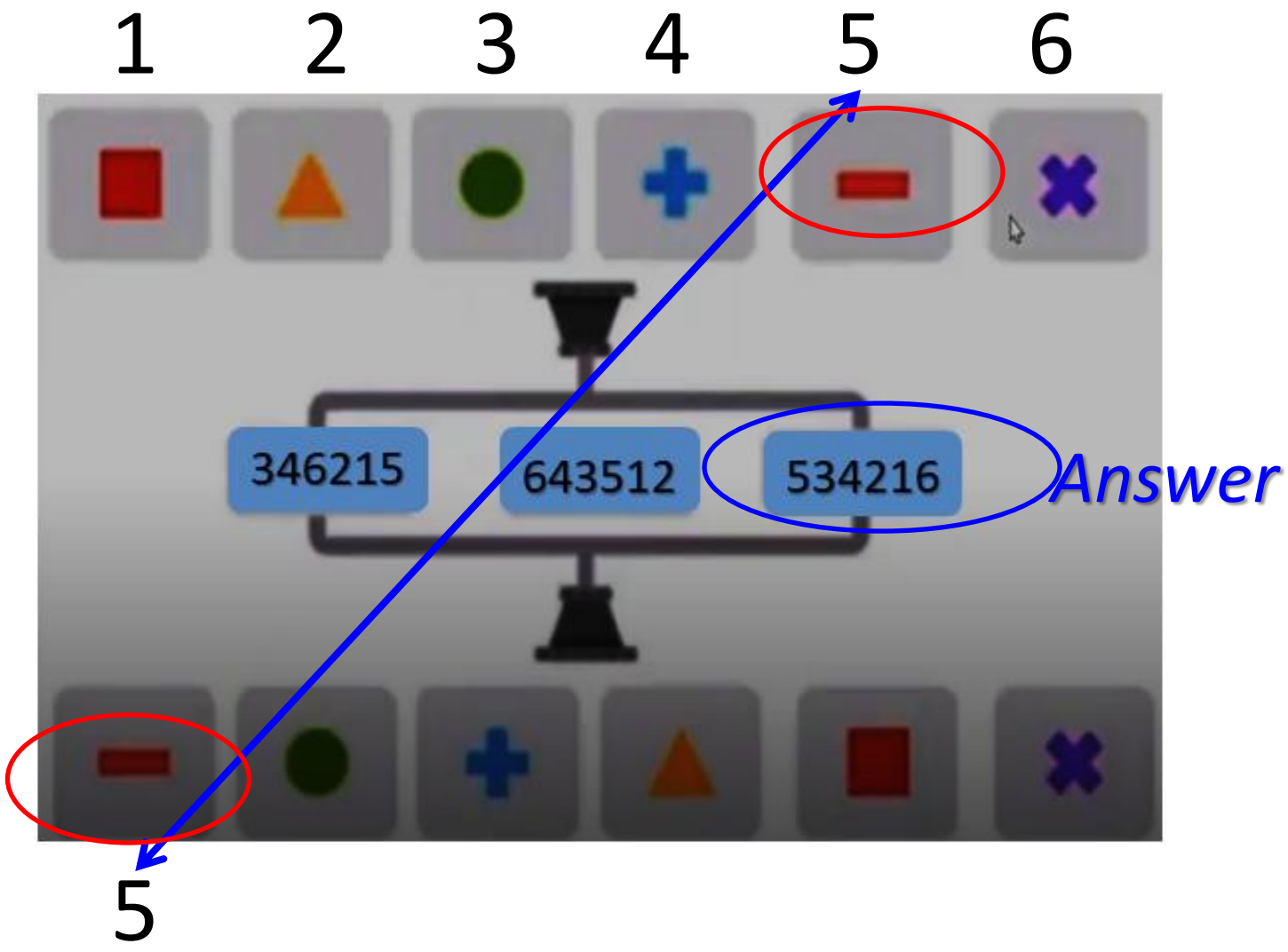
Switch Challenge

Solve:

SC - 2

Solution:

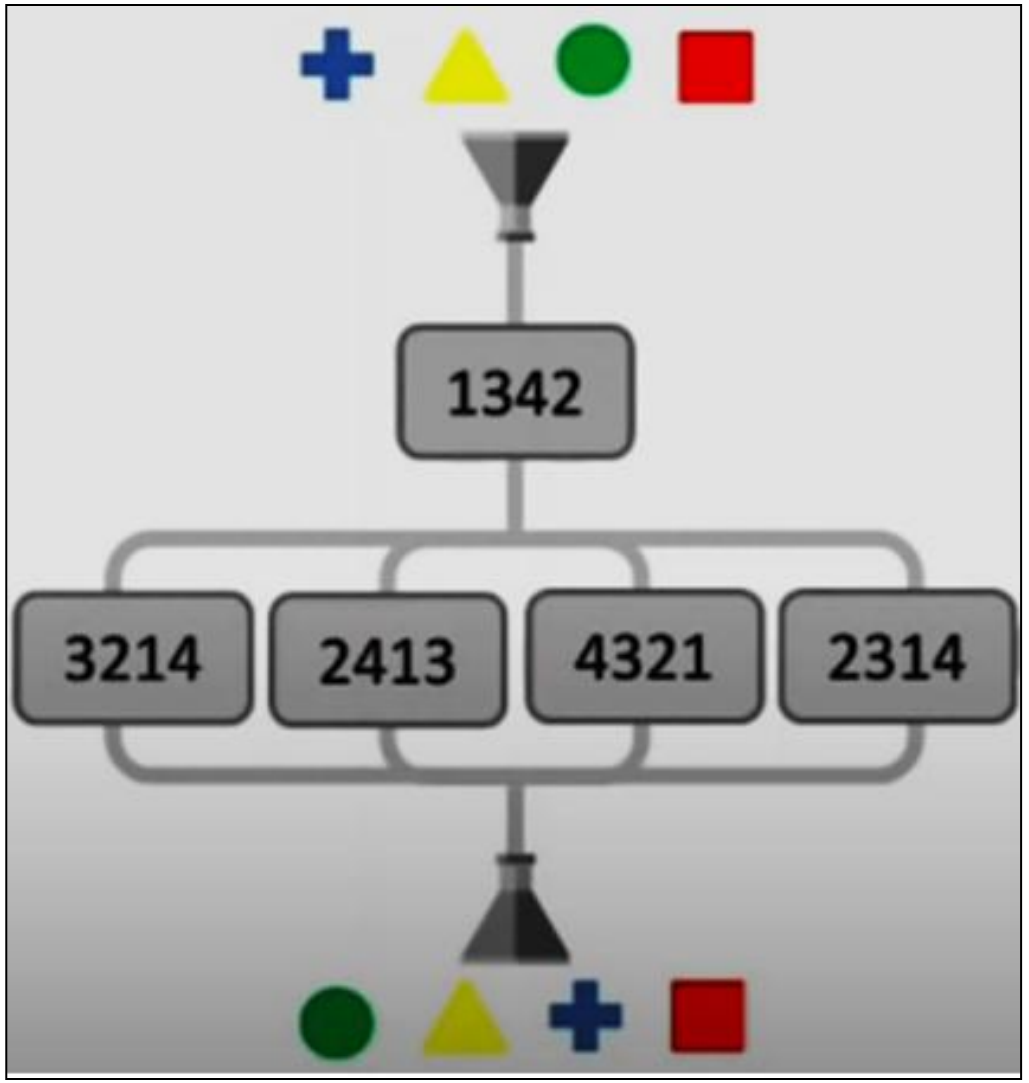
Switch Challenge



SC - 3

Switch Challenge

What is the function of the funnel used?



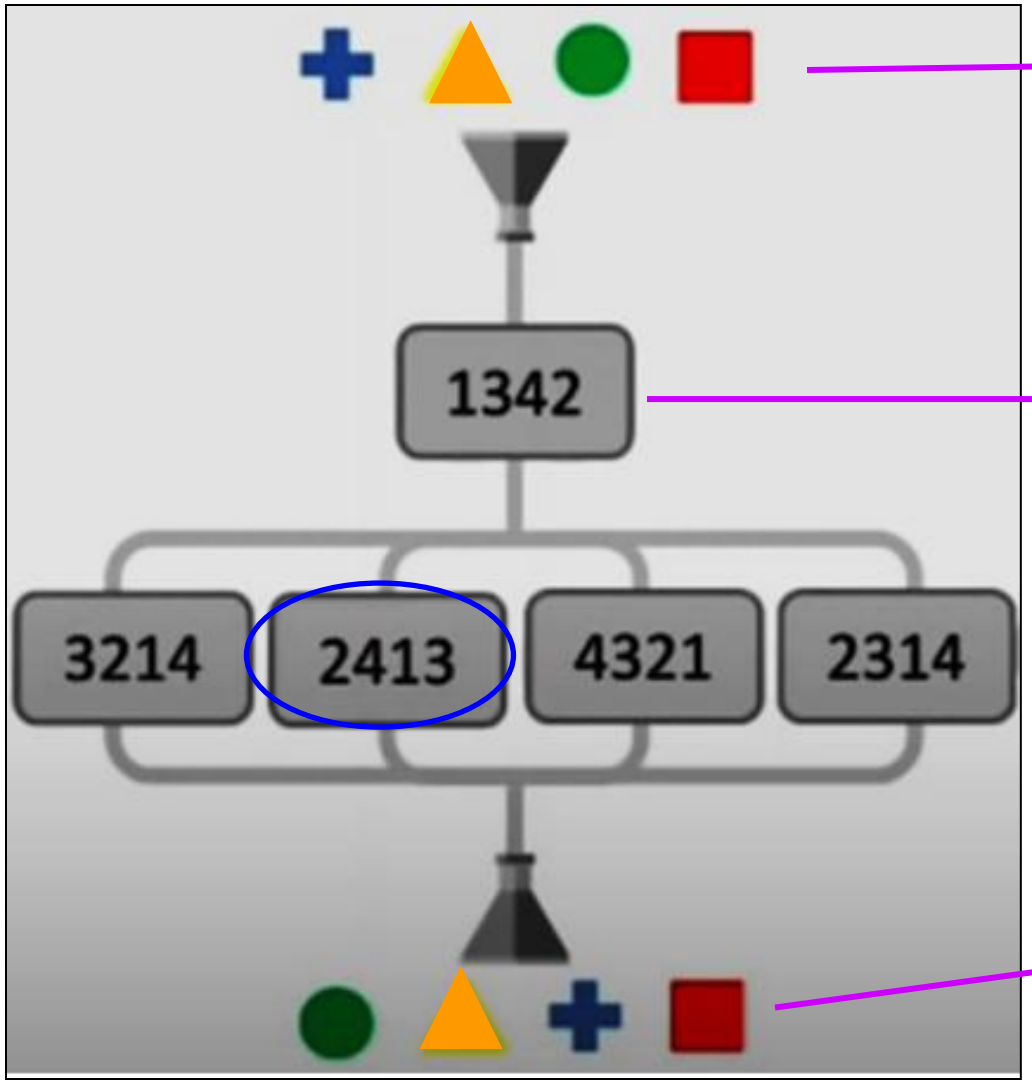
a)3214
b)2413
c)4321
d)2314

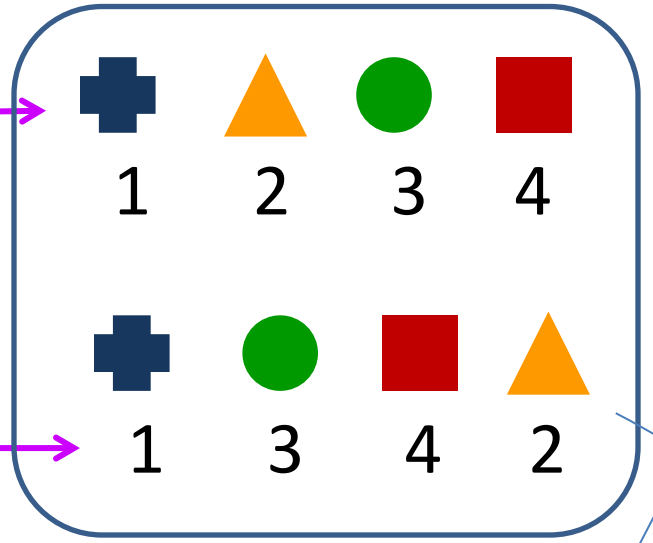
SC - 3

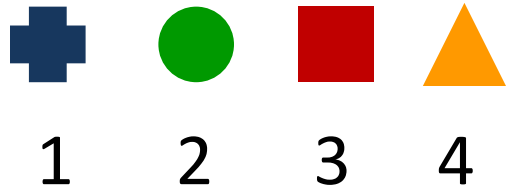
Switch Challenge

Solution:

What is the function of the funnel used?







2 4 1 3 *Answer*

Digit Challenge

Rules to Solve:

Problem Statement:

You're given a mathematical statement and you need to create a correct combination of digits, to make LHS = RHS.

Note : One Digit may only be used once, in some cases the all the digits may not be available.

DC - 1

Digit Challenge

Solve:

DC - 1

Digit Challenge

Note: There can be multiple solutions

First we will try to solve it incorrectly

- 2 x 9 + 2 = 20 would be incorrect (We can only use any digit only once)
- 7 x 2 + 6 = 20
- 3 x 4 + 8 = 20
- 6 x 2 + 8 = 20
- many others.....

DC - 2

Digit Challenge

Solve:

DC - 2

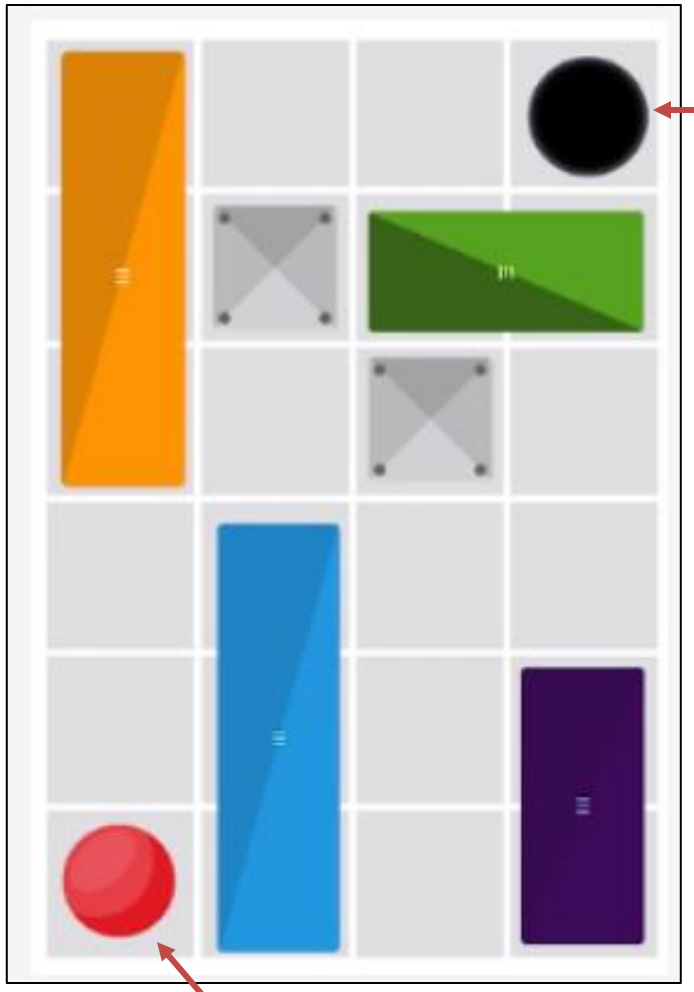
Digit Challenge

Note: Do not look at the solution below, solve on your own

Level 3 Problem !!!

- As you can see some digits are unavailable, viz. 3, 5, 8
- Division and multiplication have same priority, so you should solve left to right
- That is division will be done first and then multiplication
- There may multiple solutions to this question, you must solve it in 15 seconds ideally
- Below solution is hidden so you solve it on your own
- 9 / 6 * 4 = 6 i.e 1.5 * 4 = 6

Motion Challenge

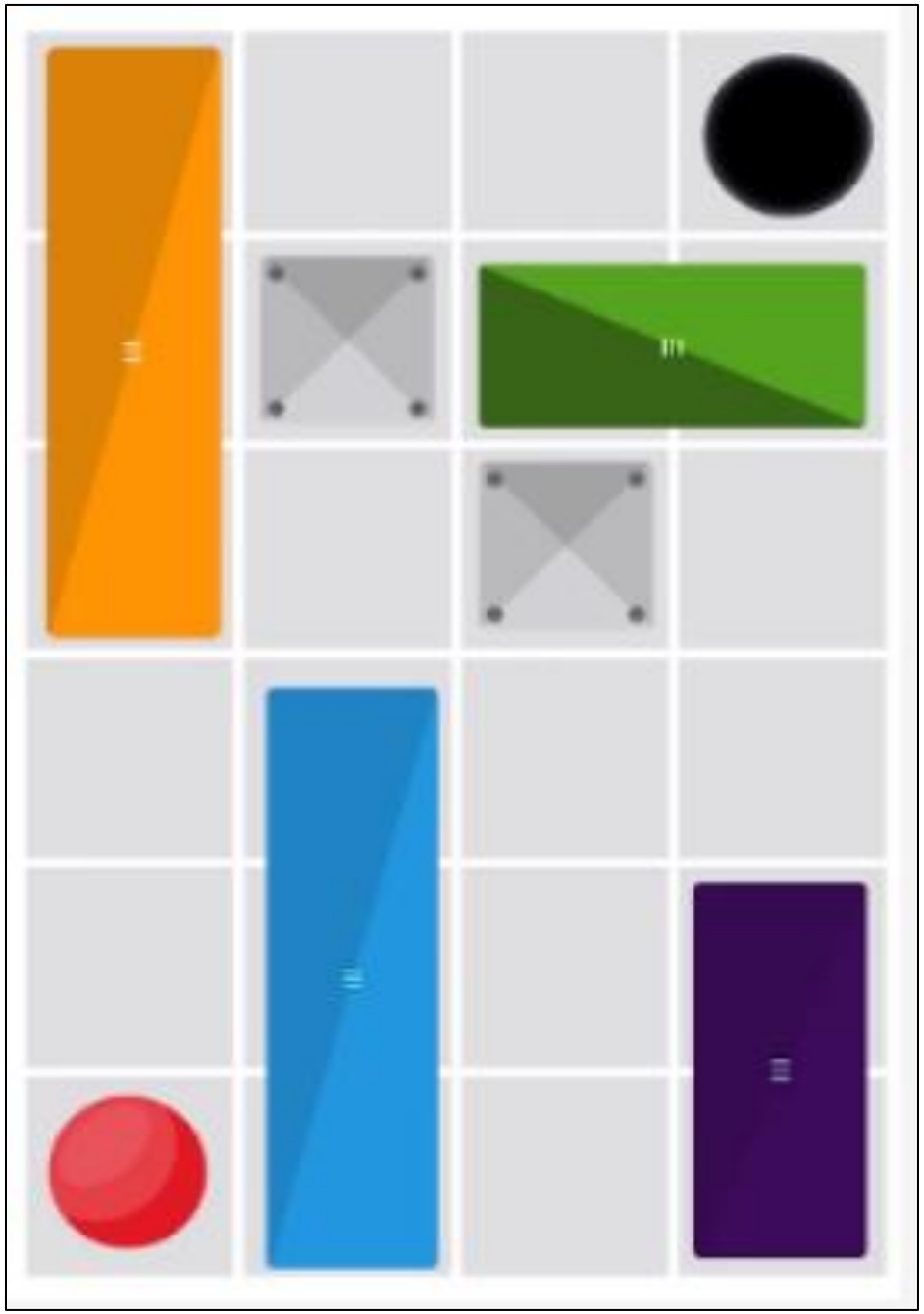


Rules to Solve:

Problem Statement:

You're a Jim, you love to solve puzzles, your challenge is to put the red ball into the hole, but hey, there are obstacles, some are plastic obstacles that you can move, some are hard rocks, you can't move them. Try to do this in minimum number of steps to earn candy.

MC - 1



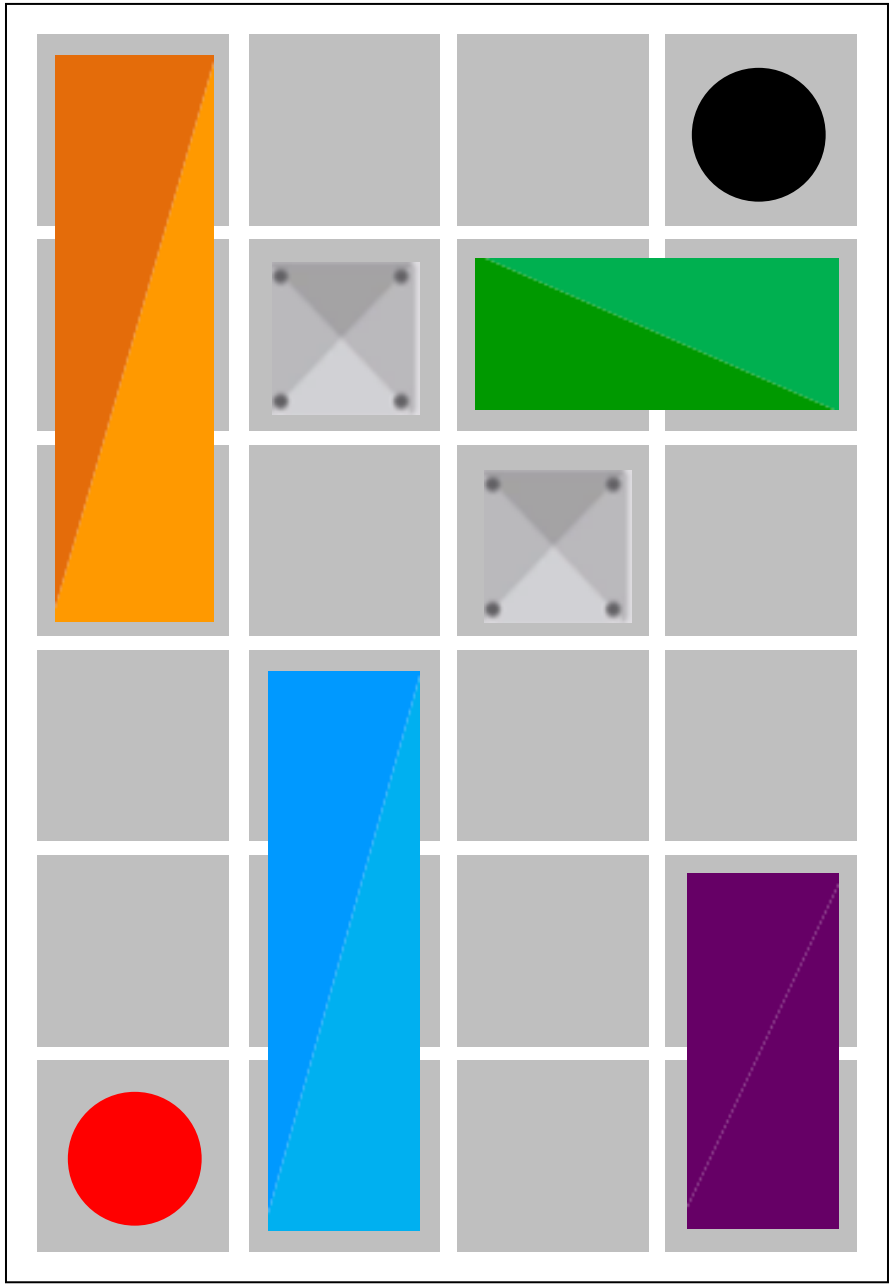
Motion Challenge

Move the RED ball to the BLACK hole.

MC - 1

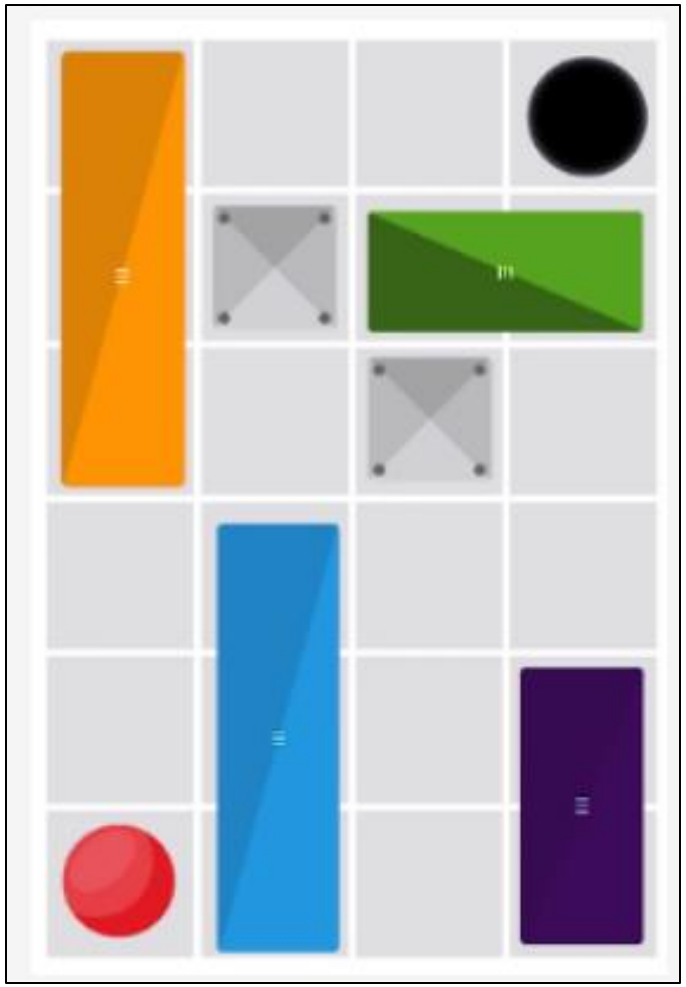
Motion Challenge

Game Start!



MC - 1

Motion Challenge



Step 1 - Blue block up

Step 2 - Purple block up

Step 3 - Purple block left

Step 4 - Green block up

Step 5 - Green block left

Step 6 - Ball right

Step 6 - Ball up