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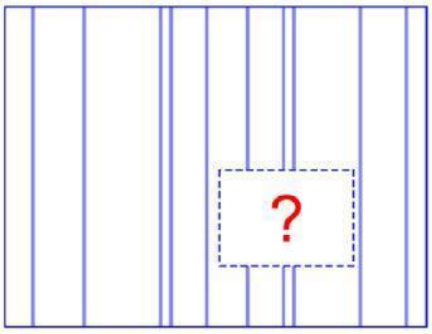
2023-2024 Math League Preliminary Round

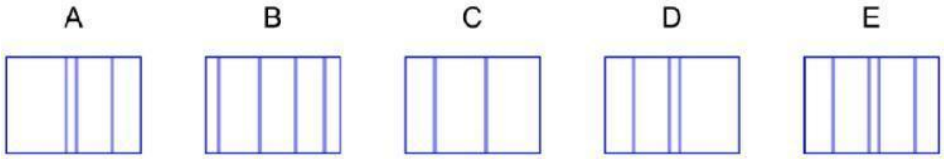
(Grade 2)

(Unofficial version, for reference only)

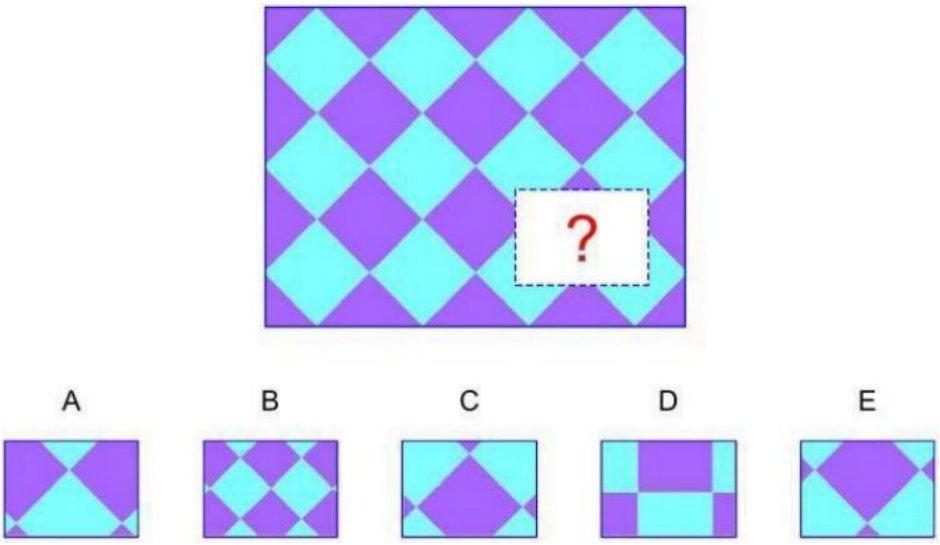
For Questions 1 to 15, look at the pattern on top. A piece has been taken out of it. Choose the piece below the pattern that goes where the question mark is to complete the pattern.

Question 1:

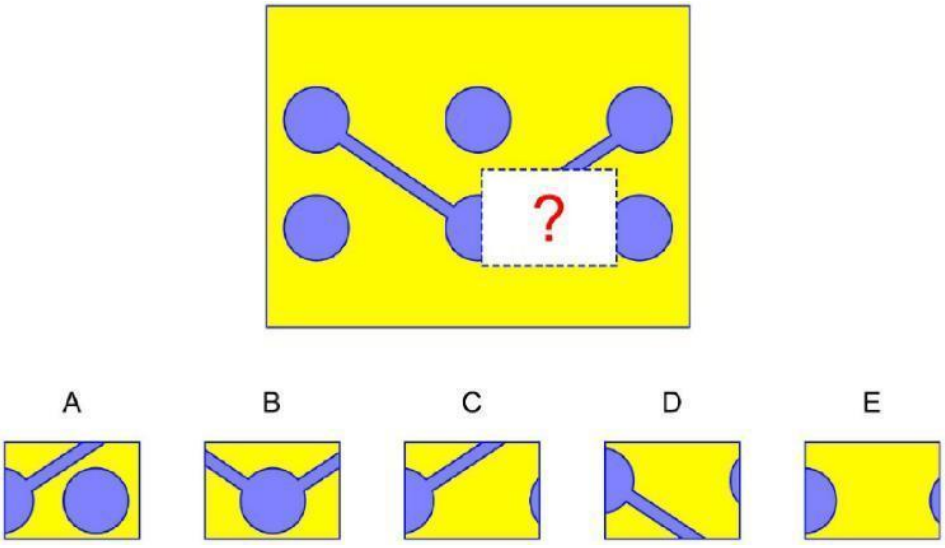




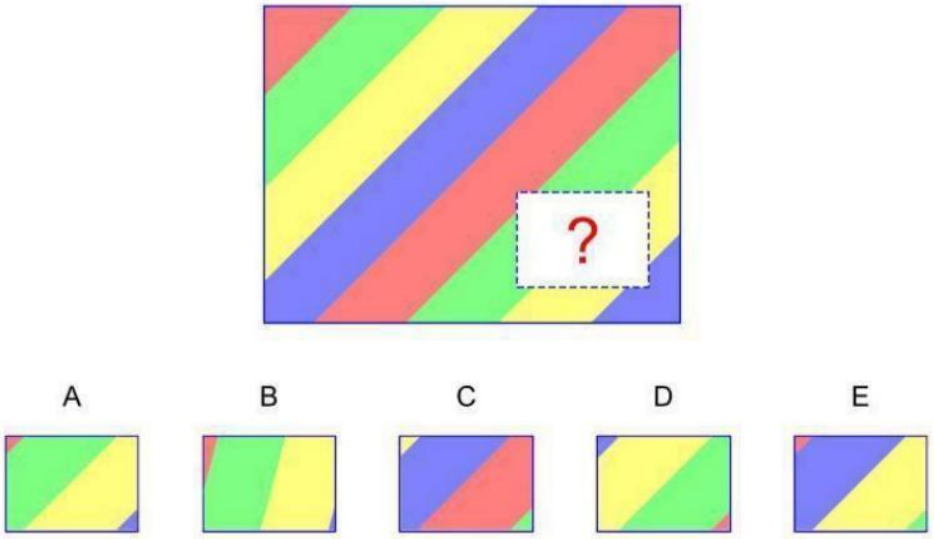
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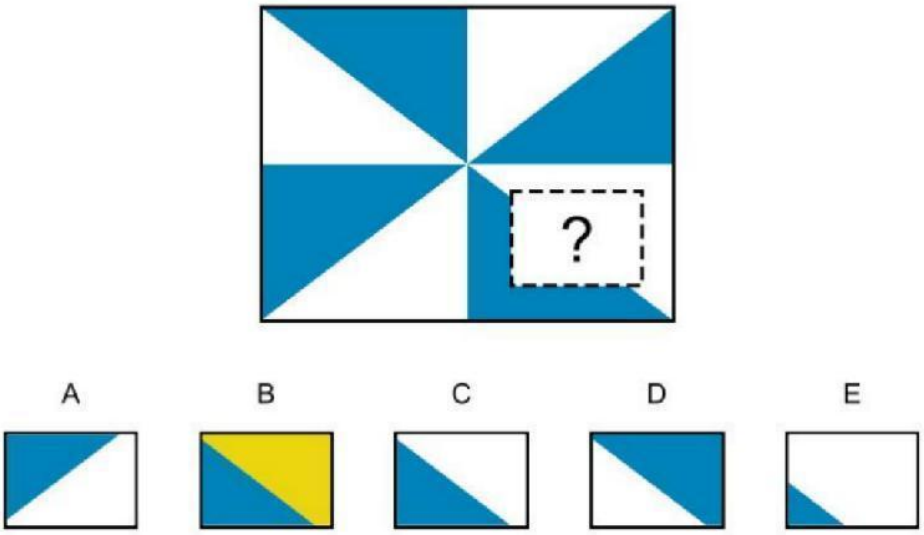
Question 3:



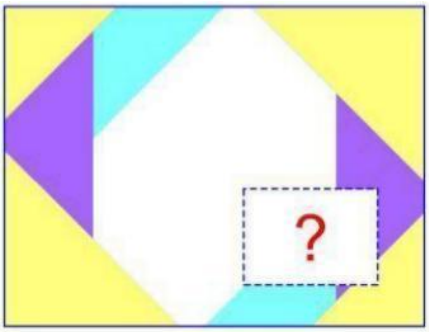
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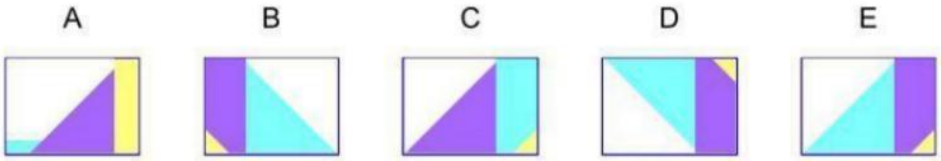


Question 5:

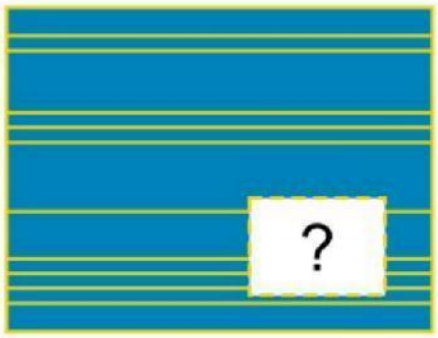


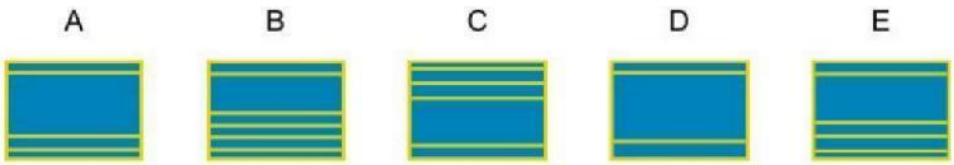
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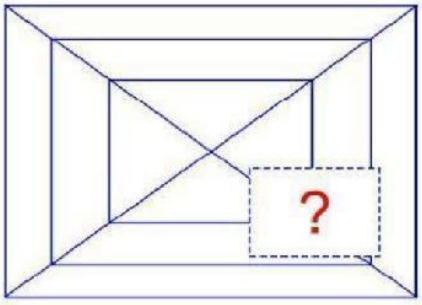


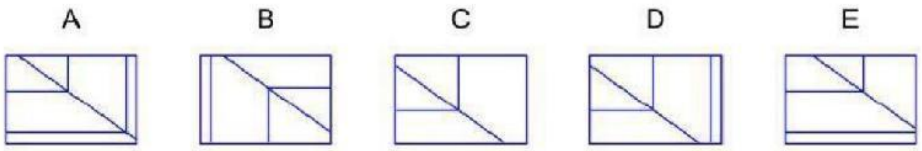
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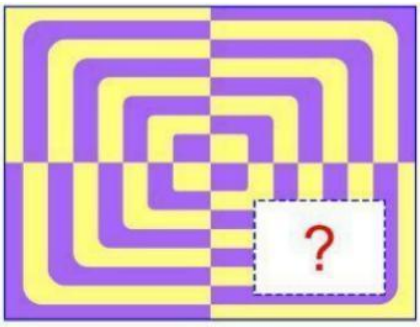


Question 8:





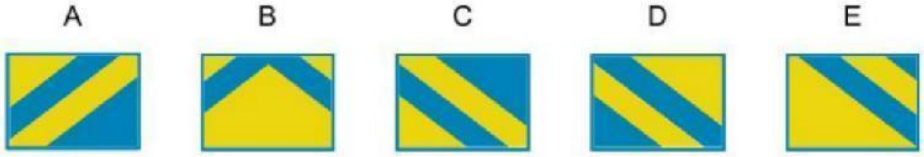
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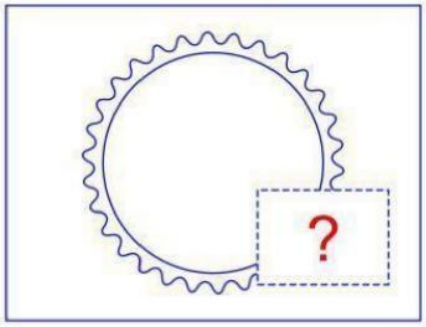


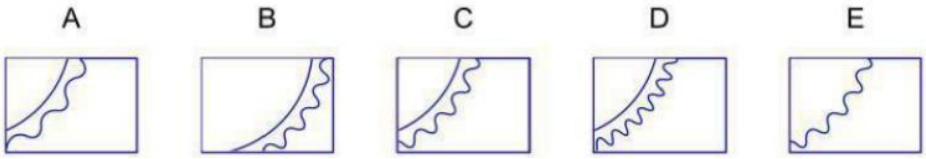
Question 10:



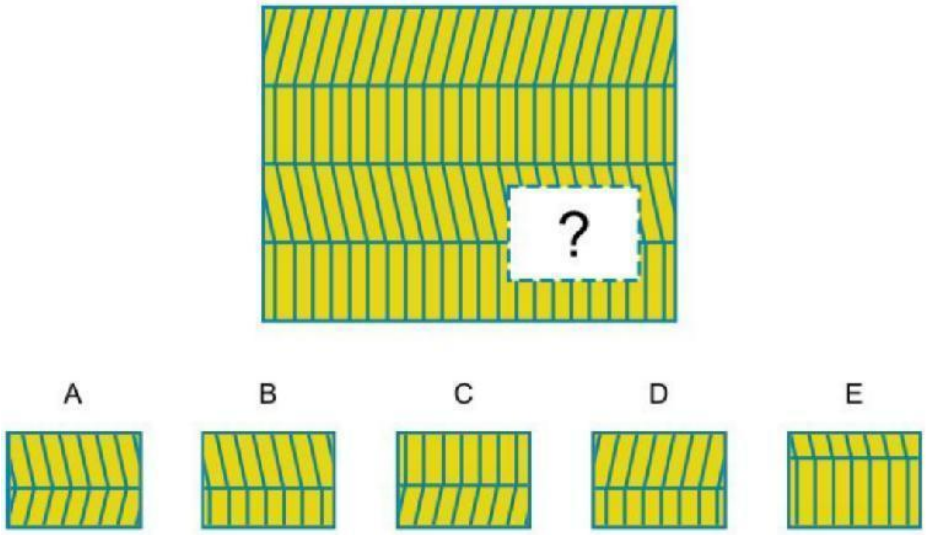


Question 11:

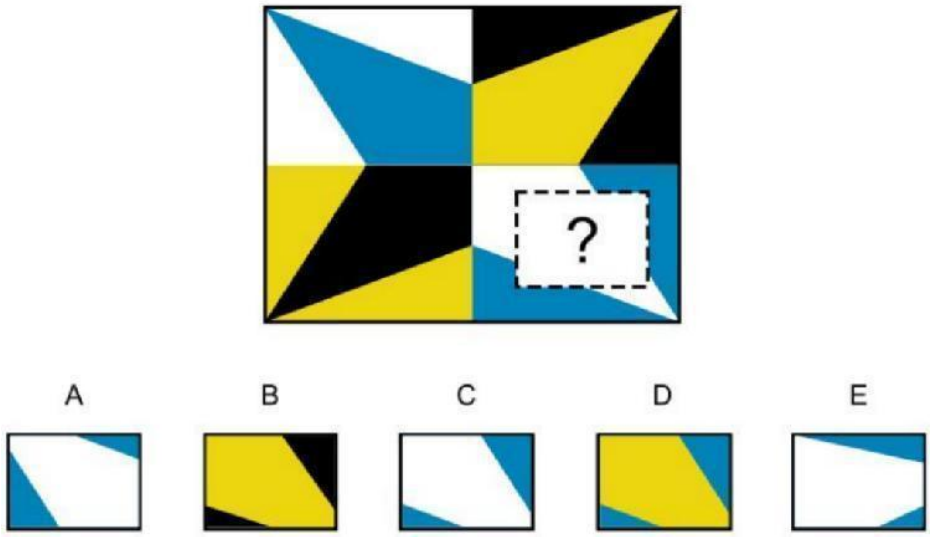




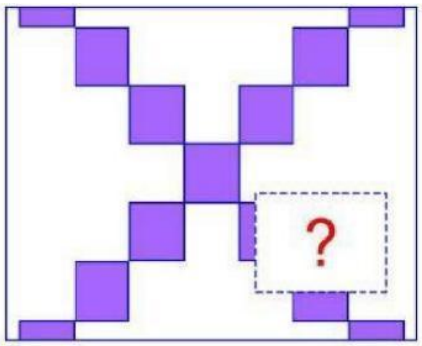
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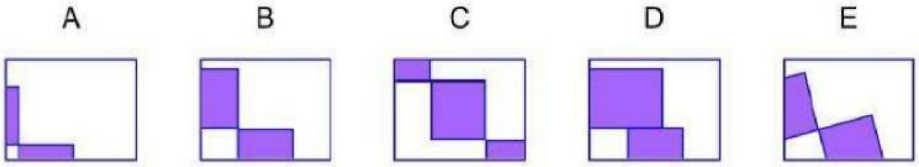


Question 13:

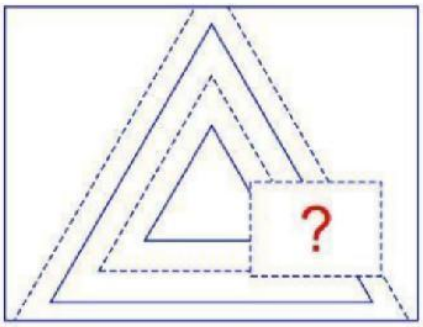


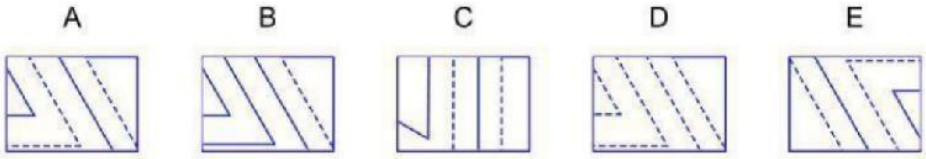
Question 14:





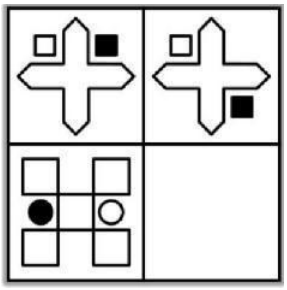
Question 15:



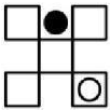


For Questions 16-25, look at the figures on top. They go together in some way. Choose a figure from the answer row that goes with the figure(s) on the bottom the same way the figures on top go together.

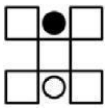
Question 16:



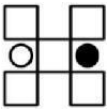
A



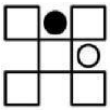
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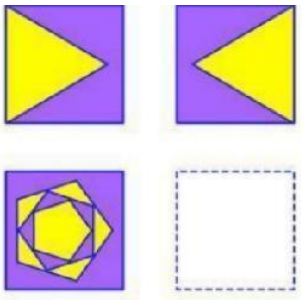
C



D



Question 17:



A



B



C



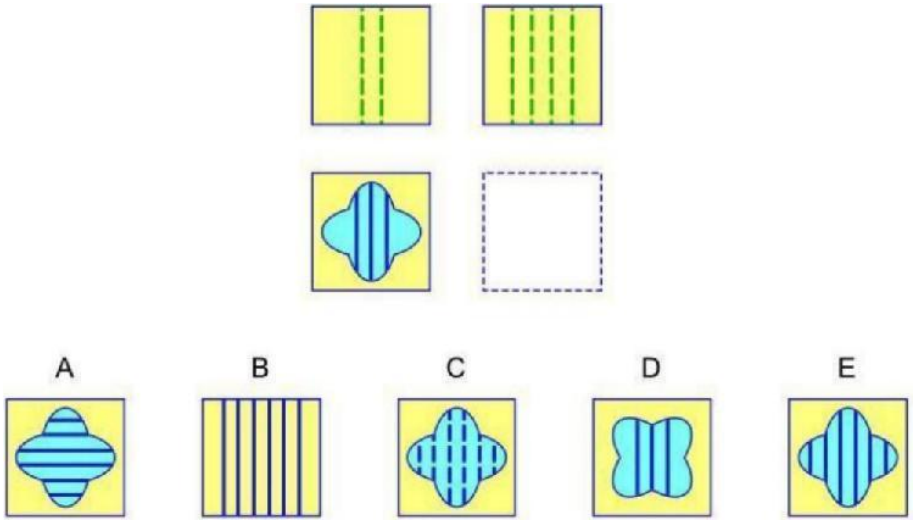
D



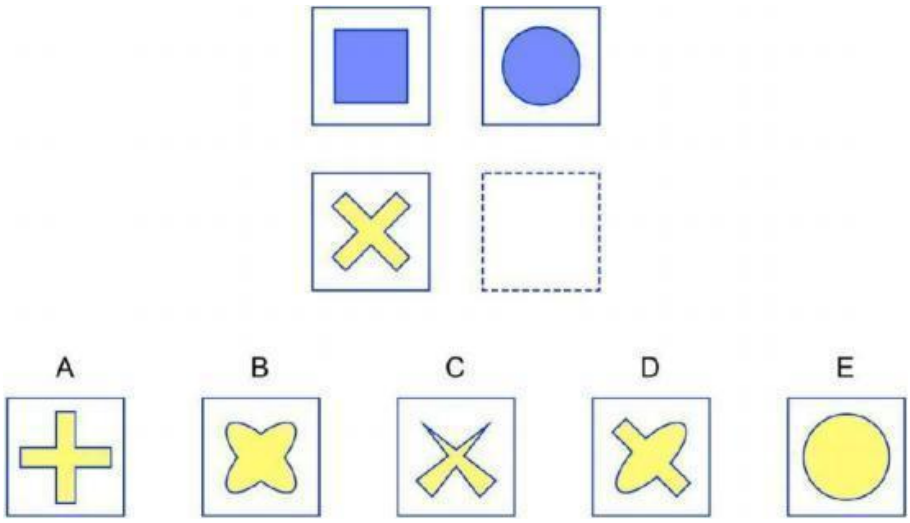
E



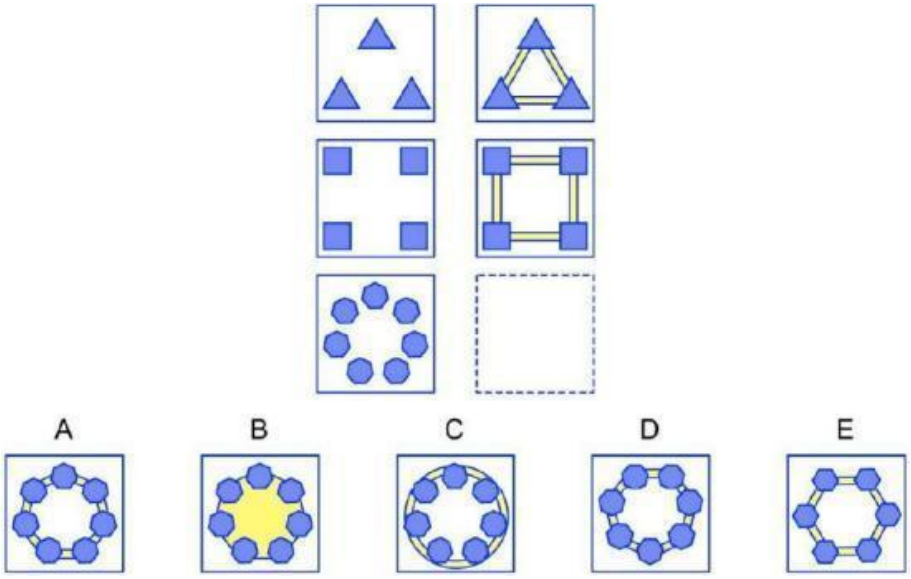
Question 18:



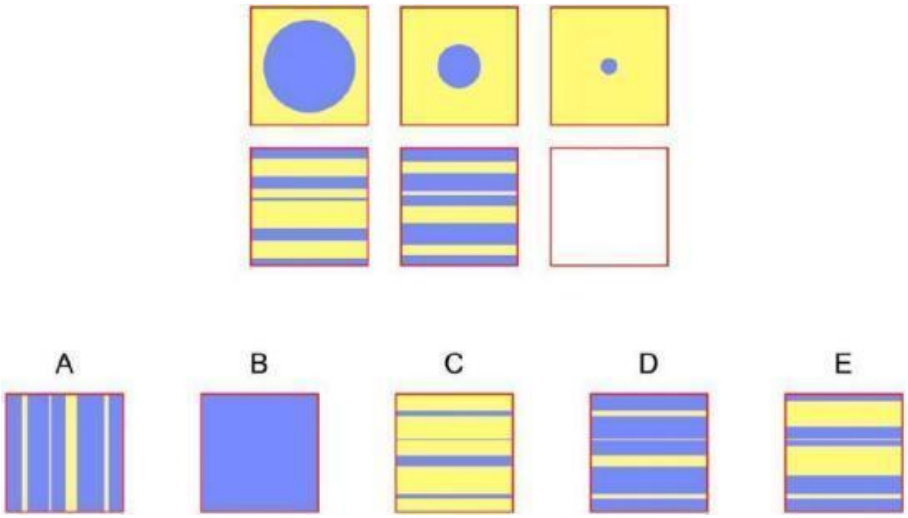
Question 19:



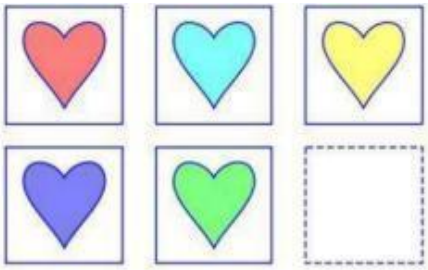
Question 20:

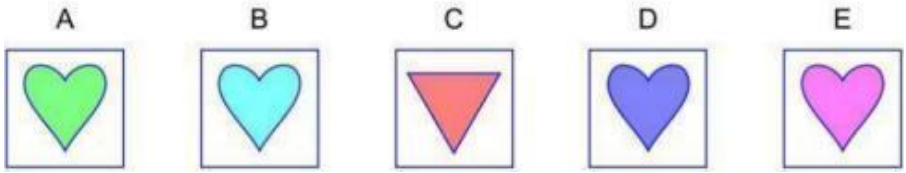


Question 21:

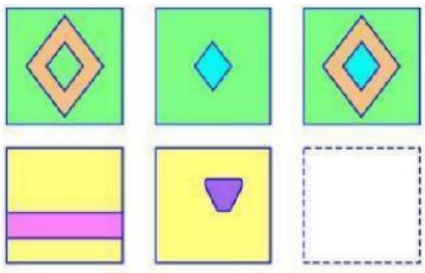


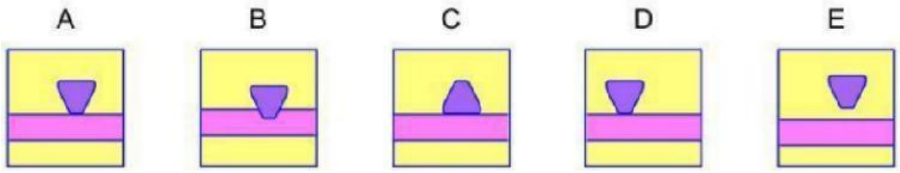
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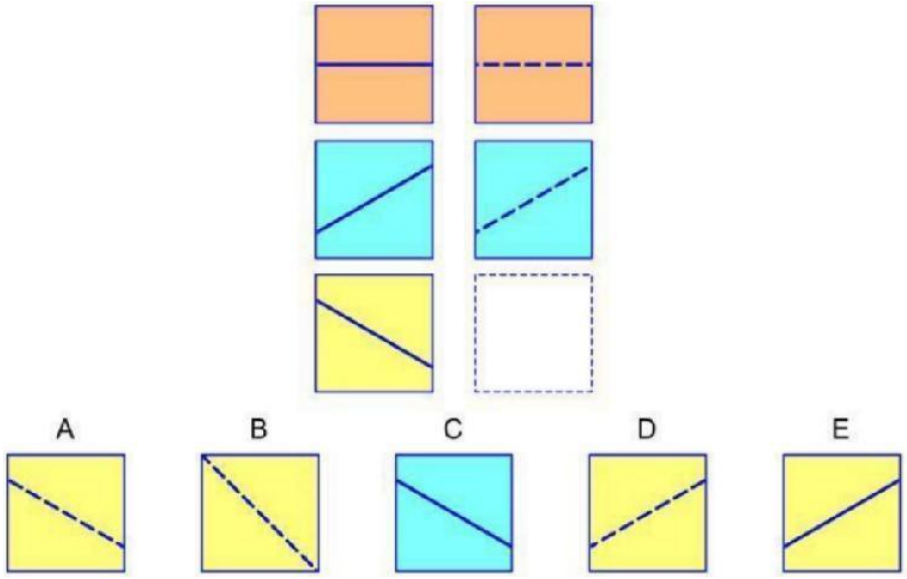


Question 23:

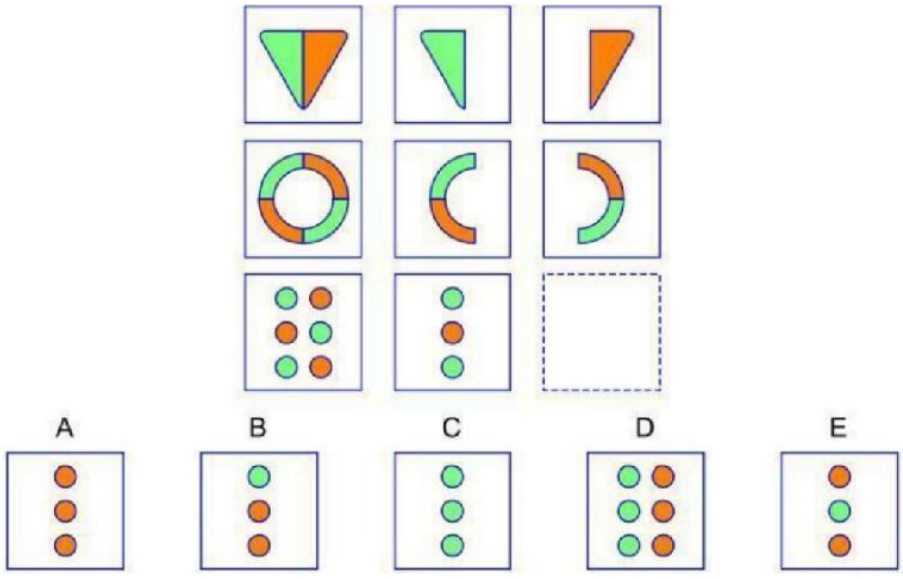




Question 24:

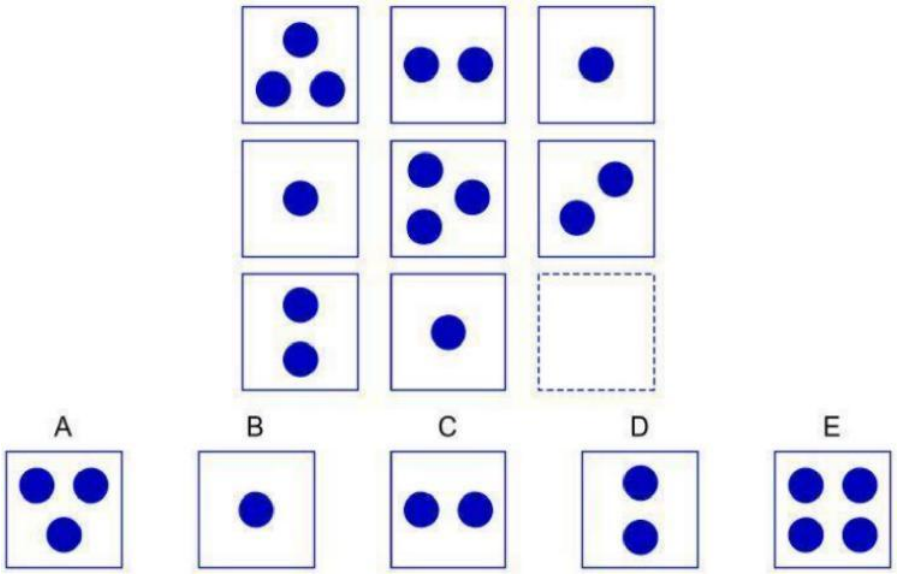


Question 25:

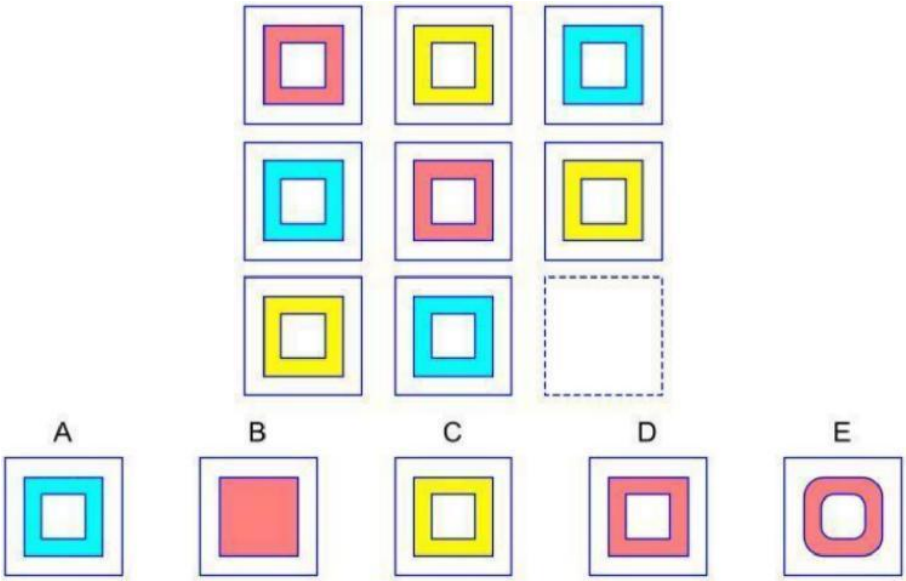


For Questions 26-30, look at the shapes in the boxes across the rows and up and down the columns. Do you see how they are related to each other? Can you find the answer that goes in the empty box so the designs inside the rows and columns follow a pattern?

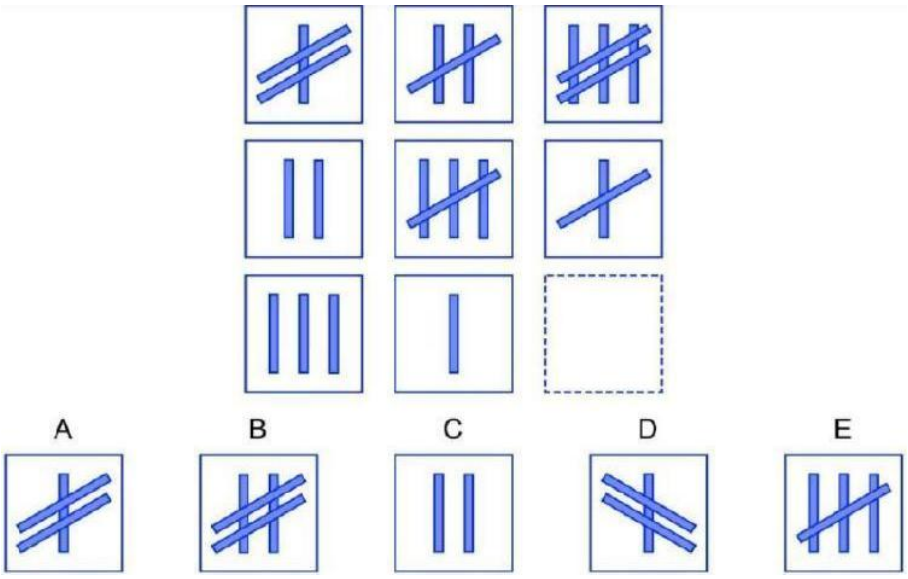
Question 26:



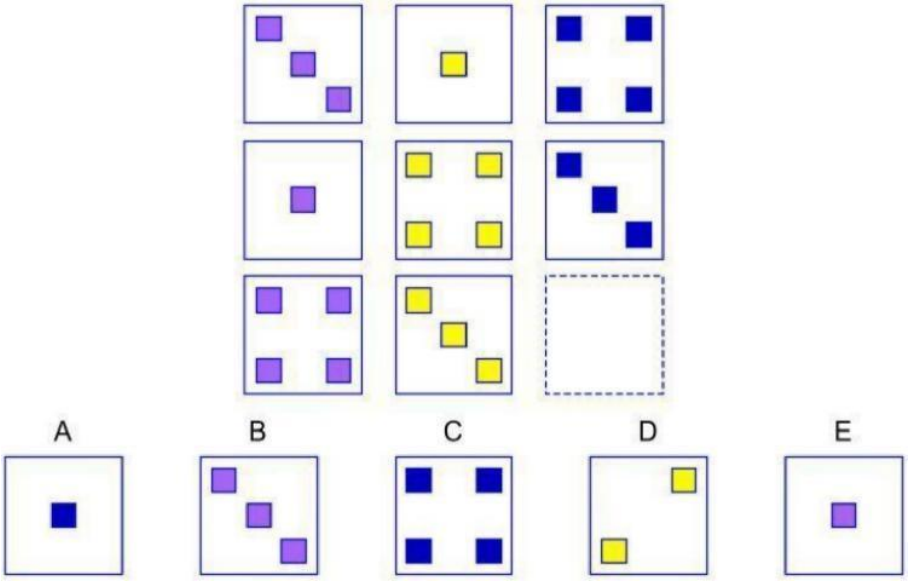
Question 27:



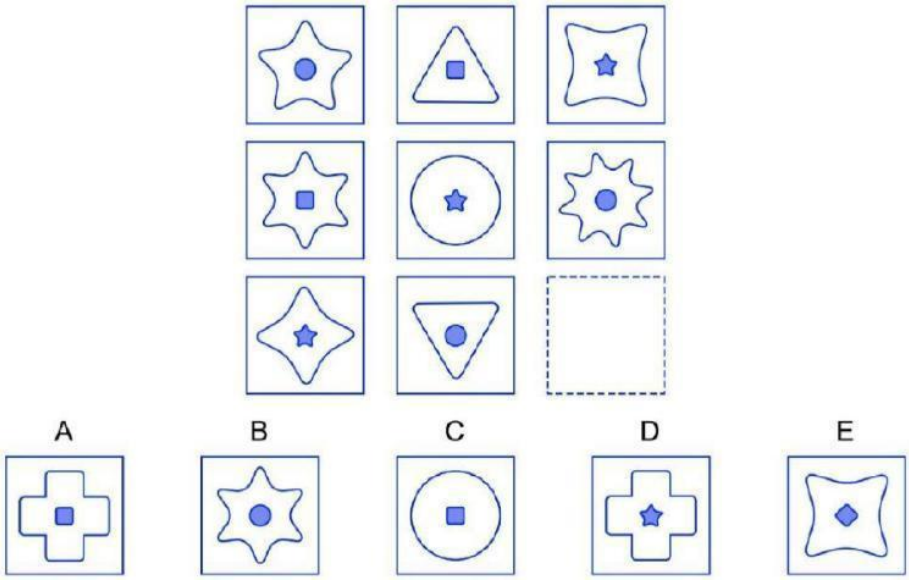
Question 28:



Question 29:



Question 30:



Question 31:

1 + 10 + 100 + 1000 =

A) 4
B) 1111
C) 1234
D) 4000

Question 32:

(1 × 2 × 3 × 4 × 5) ÷ 6 =

A) 6
B) 20
C) 36
D) 720

Question 33:

Which of the following is not a factor of 420?

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

Question 34:

$2 \times 0 \times 0 \times 5 =$

A) 0
B) 10
C) 100
D) 2005

Question 35:

If tomorrow is Tuesday, then 2 days before yesterday was

A) Friday
B) Saturday
C) Sunday
D) Monday

Answers										
Question	1	2	3	4	5	6	7	8	9	10
Answer	**D**	**E**	**C**	**A**	**C**	**E**	**E**	**D**	**C**	**C**
Question	11	12	13	14	15	16	17	18	19	20
Answer	**C**	**B**	**C**	**B**	**A**	**D**	**E**	**E**	**B**	**A**
Question	21	22	23	24	25	26	27	28	29	30
Answer	**D**	**E**	**A**	**A**	**E**	**A**	**D**	**B**	**A**	**A**
Question	31	32	33	34	35					
Answer	**B**	**B**	**D**	**A**	**A**					