

SHAPES PUZZLE

OBJECTIVE

To create a 4 x 4 grid using the coloured shapes you have been given and abiding by the rules specified.

EQUIPMENT

- Set of 16 shapes cards x 1 per team
- Shapes instruction sheet x 1 per team.
- Shapes brief and answer x 1 per facilitator.



HOW IT WORKS

- Teams are given 16 laminated cards made up of:
 - 4 x squares in red, yellow, blue and white
 - 4 x stars in red, yellow, blue and white
 - 4 x triangles in red, yellow, blue and white
 - 4 x circles in red, yellow, blue and white
- Using the rules on the instruction page, teams cannot have more than one of the same shape or colour in each row or column
- Using the rules on the instruction page, teams can have the same shape and colour along the diagonals

OUTCOMES

- This activity targets communication, problem solving and strategic thinking

AND THE WINNER IS...

The first team to successfully create a 4 x 4 grid whilst abiding by the specified rules wins.

SHAPES PUZZLE

RULES

Your group's task at this activity is to solve the following puzzle using the coloured shapes below.

- You must create a 4 x 4 grid using the coloured shapes you have been given.

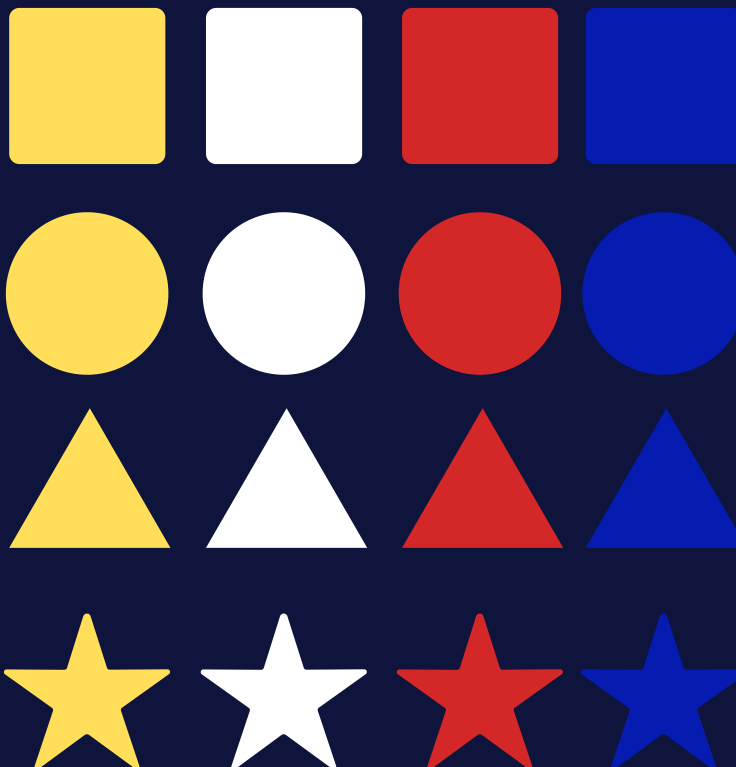
You cannot have more than one of the same shape in each row or column

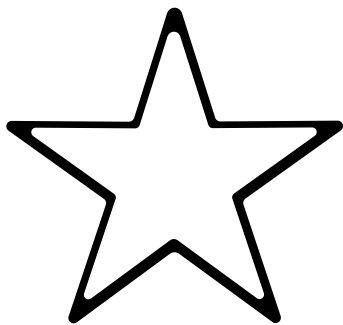
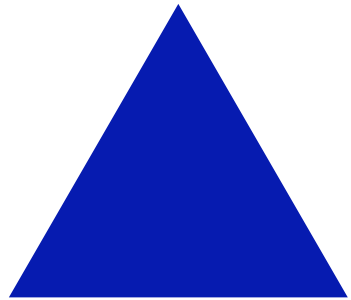
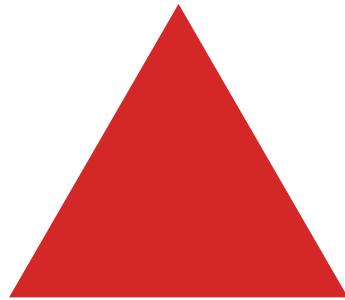
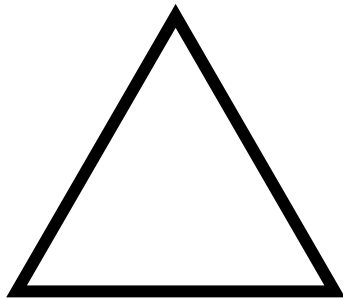
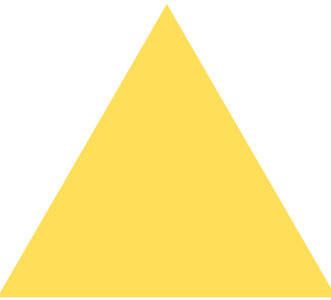
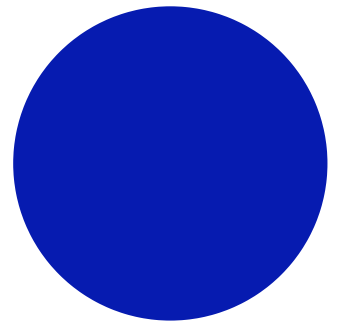
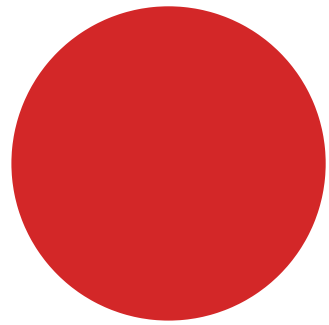
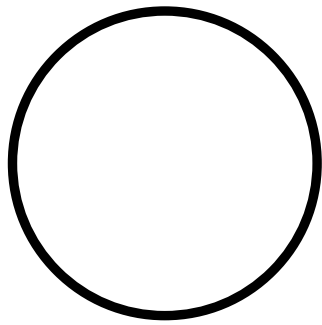
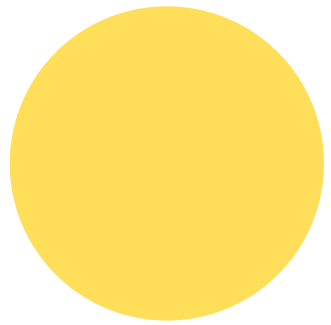
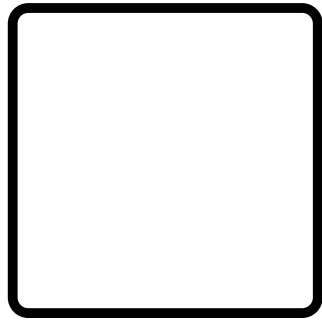
Eg:    

- You cannot have more than one of the same colour in each row or column

Eg:    

- You can have the same shape and colour along the diagonals





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SOLUTION

- The key is to start with a different colour and shape in each corner and then work from there.
- You can also adopt the diagonal approach where you have the same shape or colour going along the diagonals. (I.e. Have the all circles from top left to bottom right, then all stars from top right to bottom left, then fill in the blanks from there)
- Answers may vary

