

Tasks T1 – T7 carry 3 points each

T1. Painted Trees

Beaver Bastian is lost in the forest and cannot find his way back to his house.

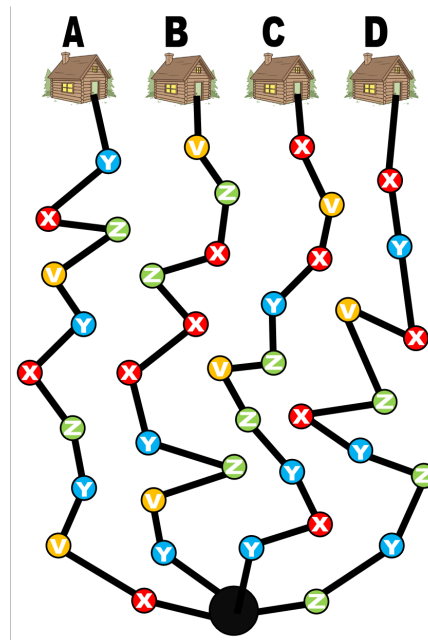
Beaver Bastian has noticed that several of the trees in the forest are painted with symbols in 4 different colors. The symbols are: .

Right now, Beaver Bastian is standing at the black point , where the path splits into 4 different trails. The point is marked on the map.

Beaver Bastian remembers passing by 3 trees painted with , 3 trees with , and 3 trees with from his house to the black point.

Beaver Bastian cannot remember how many trees painted with he has seen on his journey.

Beaver Bastian must find the right path from the black point back to his house.



Question / Challenge

Where does Beaver Bastian live?

- A) House A
- B) House B
- C) House C
- D) House D

T2. Height Weight Ranking

Saro needs help picking apples from her tree. She has a ladder but it can only hold someone who weighs **50 kg** or less.

Saro has a list of her friends, along with their heights and weights.

Friend	Height (cm)	Weight (kg)
Batin	155	52
Tamin	150	50
Lamin	168	55
Asin	145	40
Babin	155	48

Help her choose the **tallest friend** who can still **fit** on the ladder.

Question / Challenge

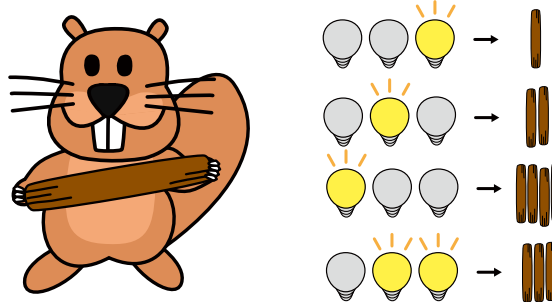
Who is the tallest friend that can safely use the ladder?

- A) Tamin B) Lamin C) Asin D) Babin

T3. Carrying Sticks

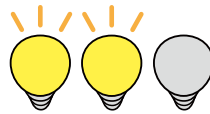
Bi-taro carries sticks. A sequence of three light bulbs signals the number of sticks that Bi-taro will carry.

When the rightmost light bulb is lit, Bi-taro will carry one stick, when the center bulb is lit, he will carry two sticks, when the leftmost bulb is lit, he will carry four sticks. When more than one bulb is lit, the numbers of sticks that they signal are added together.



Question / Challenge

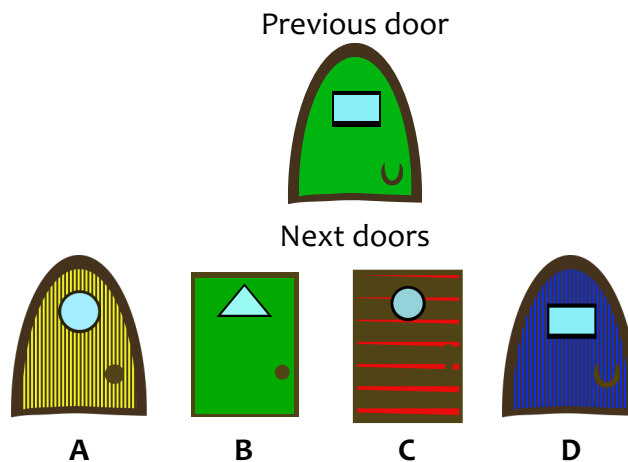
When bulbs are lit as follows, how many sticks will Bi-taro carry?



- A) 2 B) 5 C) 6 D) 7

T4. Magic House

Beaver Josie got trapped in a magic house from which she has to escape. She can only go through doors which are completely different from the one she just passed. Two doors are considered completely different if their shape, color/pattern, window shape, and handle shape differ.



Question / Challenge

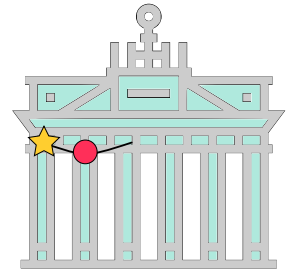
Which door will lead Josie out of the magic house?

- A) A B) B C) C D) D

T5. Christmas decorations

A new light is added to the decorations in Bebras town every week before Christmas.

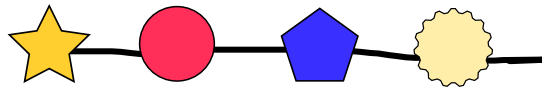
The lights are stored in different boxes labeled as shown below:



Box A		Box B		Box C		Box D

Question / Challenge

The decorations look like this after four weeks. In what order were the boxes opened?



A) ACBD

B) CBDA

C) DACB

D) CADB

T6. Alex's Treasure

Alex the explorer has found an old treasure map! The map shows a grid with different symbols: (Starting point), (Grass), (Mountain), (Water), and (Treasure).

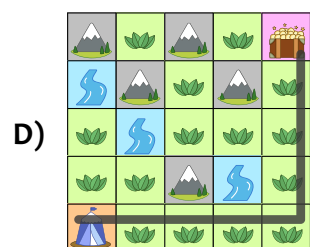
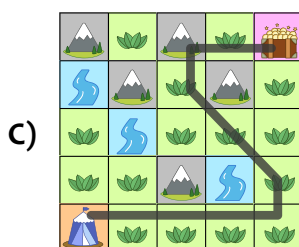
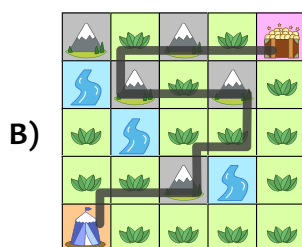
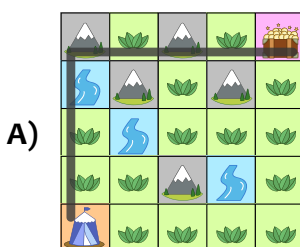
Alex must reach the treasure from the starting point, but he must follow three rules:

1. He cannot step on water.
2. He must cross at least one mountain.
3. He can only move up (↑), down (↓), left (←), or right (→) — but not diagonally (↖, ↗, ↘, ↙).



Question / Challenge

Four paths are shown below. Which path leads Alex to the treasure while following all the rules?

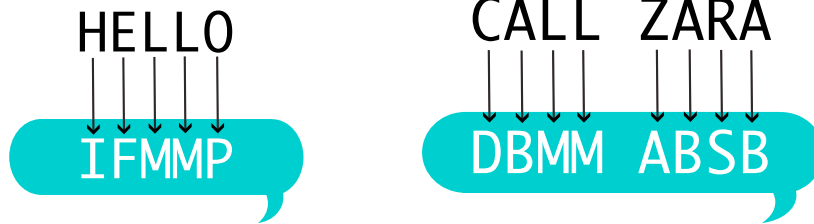


T7. Secret agents

Bob and Alice are secret agents. Others should not understand the messages they send to each other. They use the Latin alphabet, with the letters A-Z:

ABCDEFGHIJKLMNOPQRSTUVWXYZ

To write a secret message, they will replace each letter with the next one in the alphabet as in the following examples:



Question / Challenge

Bob wants to send Alice chocolate as the secret message. What should he write?

A)

DIPDPMBUG

C)

DIPDPMBUF

B)

DIPDPNBUF

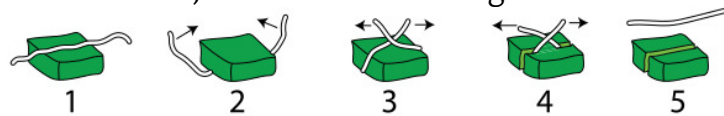
D)

DGPDPMBUF

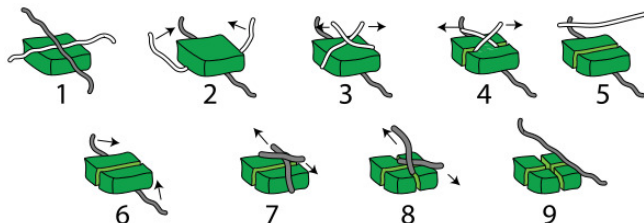
Tasks T8 – T14 carry 4 points each

T8. Chung Cake

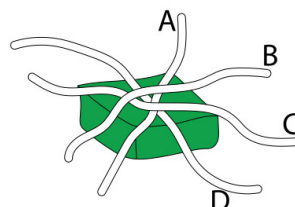
In Vietnam, beavers celebrate the Lunar New Year by eating BanhChung, but the rice cakes are too sticky to cut with a knife, the beavers use strings instead:



Beavers can use multiple strings to cut a cake but they may get tangled if not used in the correct order. For example, in the case below, the beaver can cut the cake by using the white string first, followed by the gray string. If done in reverse, the gray string will get caught on the white string.



Question / Challenge

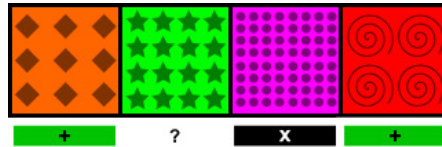


In what order should the beaver use the four strings to cut the cake without tanglings?

- A) ABDC B) BCAD C) CDBA D) DACB

T9. Decode Masters

Ming is playing a game called "Decode Master." In this game, players must guess a 4-color password sequence. After each guess, the system provides feedback using colored lines:

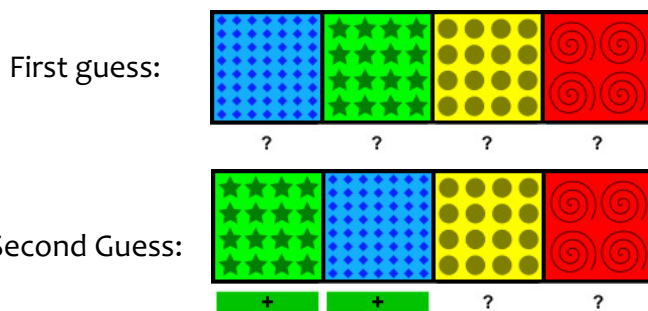


Green (+): Correct color and position.

White (?): Correct color but wrong position (needs rearrangement).

Black (x): Incorrect color (must be excluded).

Ming has made two guesses with the following feedback:



Question / Challenge

Based on the feedback, what color sequence should Ming input to crack the code?


- A) C)
- B) D)

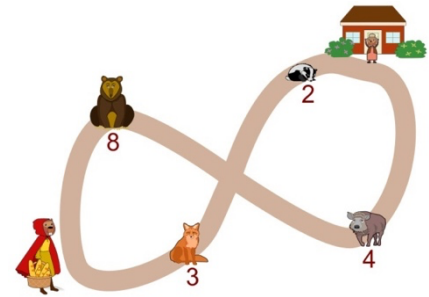
T10. Little Red Bebras Hood

Little Red Bebras Hood has baked 20 buns. She wants to walk to her grandma’s house through the forest. There are different paths and she can turn from one path to another.

For example, after passing the fox she can turn onto the path where the wild boar lives, or she can go along the path where the badger lives.

The numbers show how many buns Little Red Bebras Hood will give the animal to pass through

safely. For example, the bear  gets 8 buns.



Question / Challenge

Which of the following paths should Little Red Bebras Hood take to bring grandma the most buns?

- A) path where she meets the fox and the badger only
- B) path where she meets the fox and the wild boar only
- C) path where she meets the bear and the badger only
- D) path where she meets the bear and the wild boar only

T11. Snack time

Lala gets a snack every afternoon. Her mother always provides four snack types:





















apples (), pears (), mangoes (), and candy ().

Lala can only choose one snack type each day, based on two rules:

1. She cannot eat mangoes two days in a row.
2. If she eats candy today, then tomorrow she must eat either apples or pears.

Question / Challenge

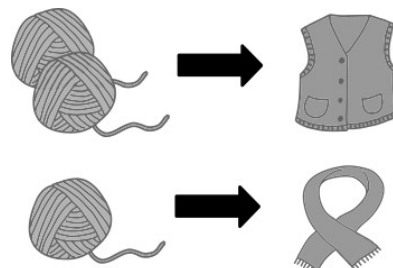
Lala is planning the snacks that she will choose for five consecutive days. Which of her choices are allowed by her mother's rules?

	Day 1	Day 2	Day 3	Day 4	Day 5
A)					
B)					
C)					
D)					

T12. Knitting

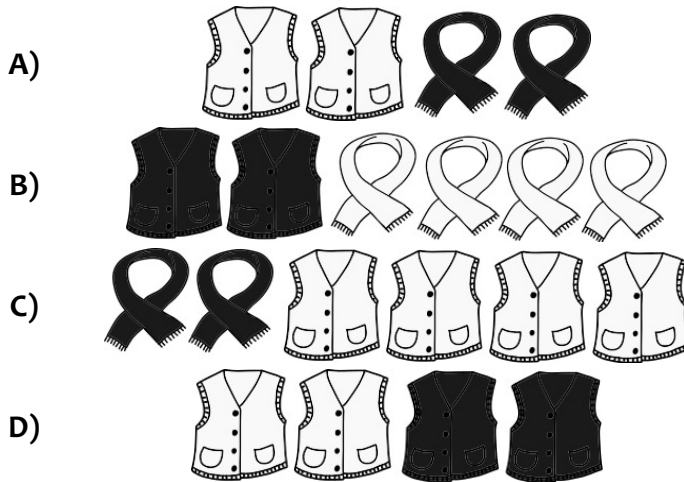
Beaver Jessica wants to make vests and scarves:

- 2 yarn balls are needed for 1 vest.
- 1 yarn ball is needed for 1 scarf.



Question / Challenge

Which option shows a combination of vests and scarves that Jessica can make using 2 black yarn balls and 4 white yarn balls?



T13. Safari Tour Advertising

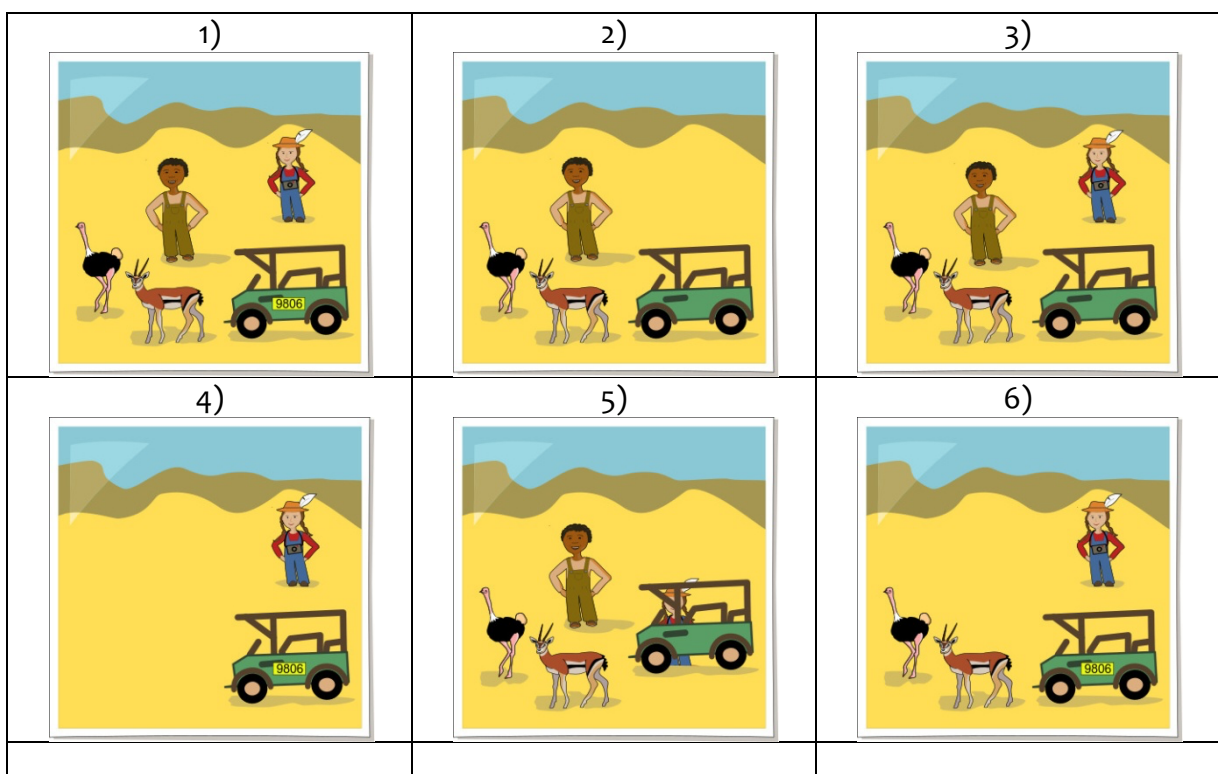


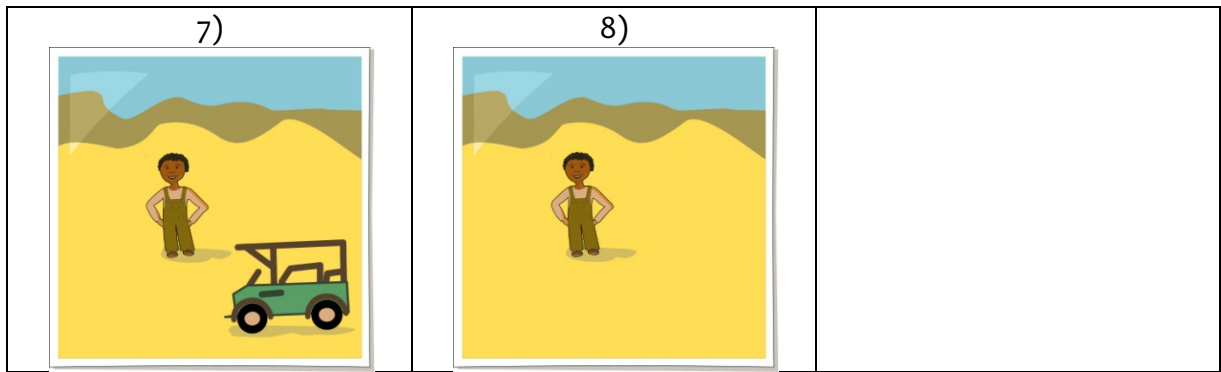
Tour guide Elinam wants to advertise Safari Tours. He needs to choose two photos based on the answers to his questions:

1. Do I, Elinam have to be in the photo?	YES
2. If there is a car, is it OK to show the number plate?	NO
3. If there are other people in the photo, is it OK to show their faces?	NO
4. Do animals have to be in the photo?	YES

Question / Challenge



Which 2 photos shall Elinam choose?




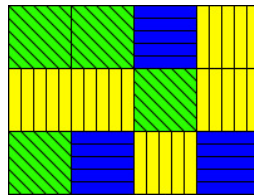


- A) Photos 1 and 4 B) Photos 2 and 5 C) Photos 1 and 7 D) Photos 3 and 8

T14. Coloring squares

Emma and Thomas are coloring squares. Emma is coloring with yellow , Thomas is coloring with blue .

If they both color the same square, the resulting color of the square will be green . It doesn't matter whether Emma colored the square first and then Thomas colored it, or Thomas colored it first and then Emma colored it. In the picture we can see what the resulting colors of the individual squares are.



Question / Challenge

How many squares did Emma color?

- A) 9 B) 3 C) 7 D) 5

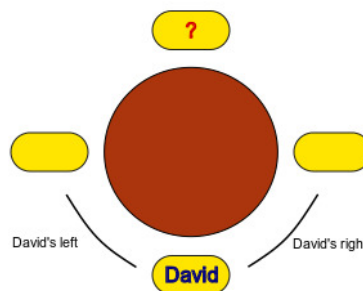
Tasks T15 – T21 carry 5 points each

T15. Round Dining Table

Four beavers – Anita, Bruno, Clara, and David – are sitting around a round table and having a meal together.

Their seating arrangement is as follows:

- Bruno is sitting to Anita's right.
- David is sitting to Clara's left.



Notes: The picture shows a top-down view.

Question / Challenge

Who is sitting opposite David?

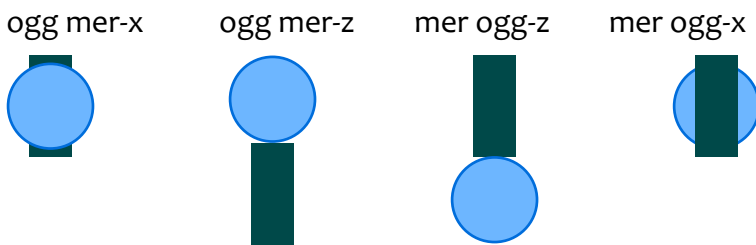
- A) Anita B) Bruno C) Clara D) Cannot be determined

T16. Beaver language

In Beaver language the names of these three shapes are:



All ways two shapes can be behind or below each other are defined:



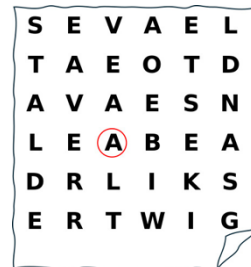
Question / Challenge

Which of the following is epp ogg-x?

- A) B) C) D)

T17. Message with secret drawing

Beaver Billy has received a secret message. Billy knows that the reading of the message begins from the red circle and the drawing on the right is a key that help continue reading the message in the correct way.



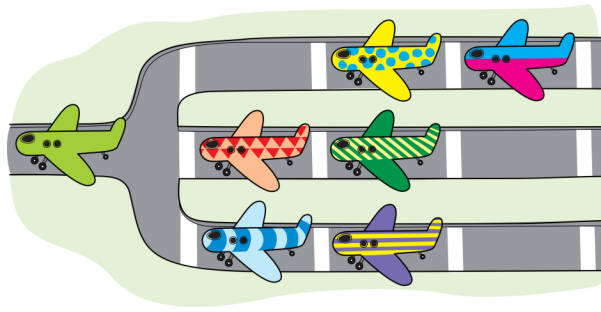
Question / Challenge

According to the secret message, what does a beaver like to eat?

- A) ASPEN TWIGS AND LEAVES B) BIRCH BARK AND ROOTS C) ALDER TWIGS AND LEAVES D) POPLAR LEAVES AND TWIGS

T18. Planes

Seven planes are queuing up to take off via a single runway, and they cannot jump the line!



The planes' take-off timetable is given (all the listed times are in the future):

Time	Plane
10:45	
10:52	
10:55	
10:59	
11:00	
11:10	
11:11	

Question / Challenge

Which plane will take-off at 11:00?

- A) B) C) D)

T19. Roll a Monster

Some friends are playing a drawing game called "Roll-a-monster." They have 5 dice, each in a different color: red, yellow, green, blue, and purple. Each die represents a property of the monster to be drawn.



Red die: number of eyes



Yellow die: number of horns



Green die: number of arms



Blue die: multiply result by 2 to get the number of teeth



Purple die: number of legs

Sum of the 2 lowest numbers: Number of spots

They may draw the monsters as they like as long as they follow the rules above.

Question / Challenge

Below are the results from rolling the 5 dice.



Red die



Yellow die



Green die

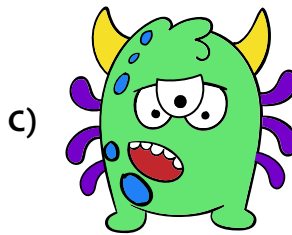
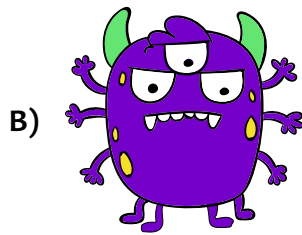
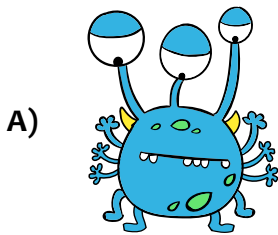


Blue die



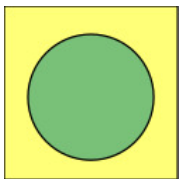
Purple die

Each of the four friends drew a monster based on these results. **Which drawing follows all the rules?**

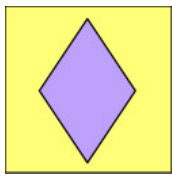


T20. What's opposite the green circle?

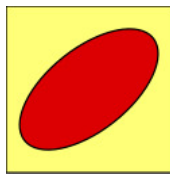
A Bebras cube has a different shape on each face. The six shapes on a Bebras cube are shown below.



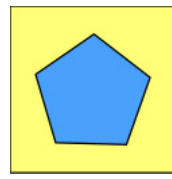
Green circle



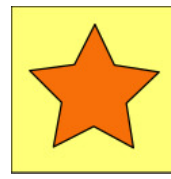
Purple diamond



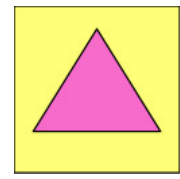
Red ellipse



Blue pentagon

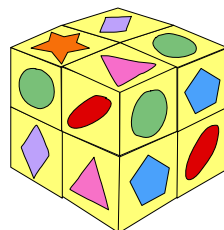


Orange star



Pink triangle

Eight identical Bebras cubes are stacked together in a large cube.



Question / Challenge

In a Bebras cube, what shape is on the face opposite the green circle?

A) Orange star

B) Pink triangle

C) Purple diamond

D) Red ellipse

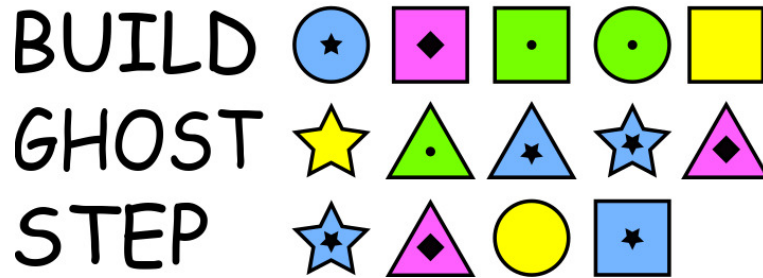
T21. Treasure hunt

Beavers have hidden a treasure on their secret island. They left an encoded message with the location of the treasure.

Treasure is hidden in the:



They also left some clues to help decode the message:



Question / Challenge

Where should we look for the treasure?

- A) stronghold B) lighthouse C) warehouse D) farmhouse

END