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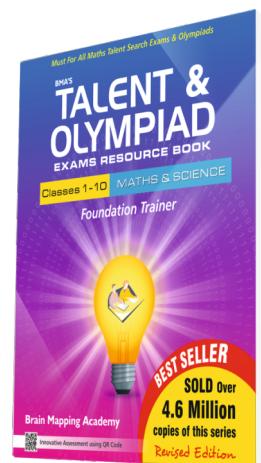
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RQ™
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KNOWLEDGE REPUBLIC - 1

Class
1



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the best in you



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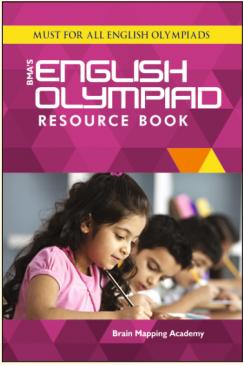
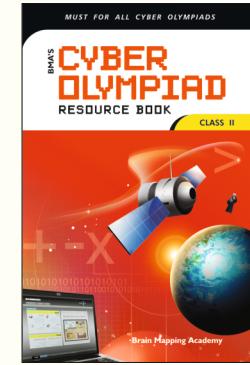


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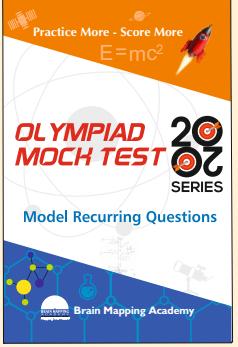
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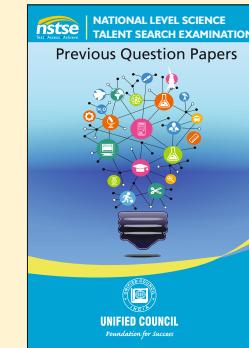

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About Myself

My
Photo

Name : _____

Date of birth : _____

Father's name : _____

Class : _____

School : _____

Address : _____

Home address : _____

Signature

*All those in the Knowledge Republic,
will have endless fun and resolve*

To enjoy as much as one can.

To work hard yet keep it fun.

To respect and encourage each individual's ability and creativity.

To eat, sleep and breathe in the world of knowledge.

To uphold values, basic honesty and integrity.

To pursue ever-higher goals.

By Order of
President
Knowledge Republic



Lava in a Glass

You will need :

- A clear drinking glass
- 1/4 cup vegetable oil
- 1 teaspoon salt
- Water
- Food colouring (optional)



What to Do :

- Fill the glass about 3/4 with water.
- Add about 5 drops of food colouring (red for the lava look).
- Slowly pour the vegetable oil into the glass. See how the oil floats on top - cool huh ? It gets better.
- Now the fun part : Sprinkle the salt on top of the oil.
- Watch blobs of lava move up and down in the glass !
- If you liked that, add another teaspoon of salt to keep the effect going.

Can you spell a hundred words without using the letters A, B, C, Q and Z, in 3 minutes ?



Guess the picture-word :



(Trivandrum/Tiruvanthalaparam)

Tree+van+drum

Answers: Numbers one to hundred.



Fun with Colours

Join the dots in order of numbers and then colour the picture.



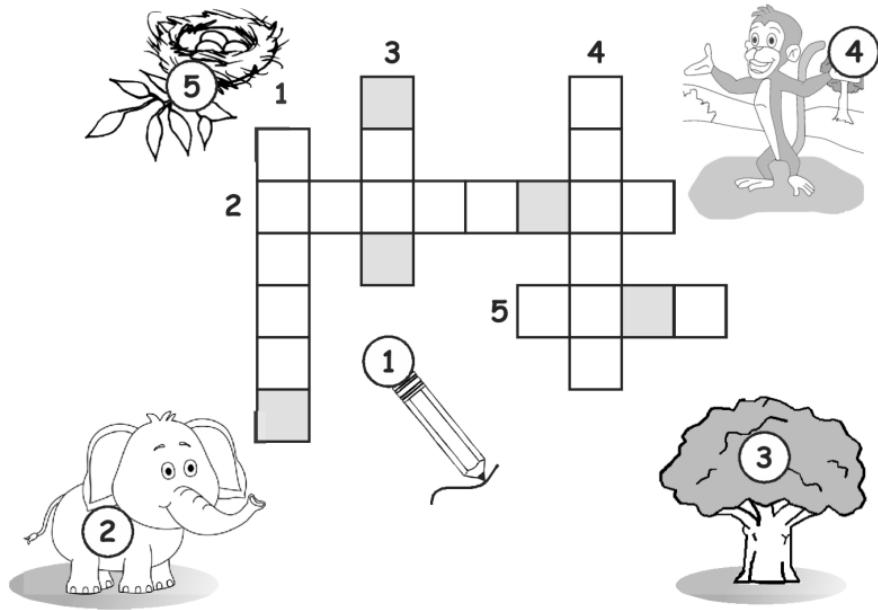
Taj Mahal (India)

*Taj Mahal was built by Mughal emperor Shahjahan during 1632-1653 on the bank of river Yamuna in Agra. **WOW!***



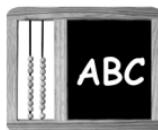
Crossword Puzzle

Complete the puzzle using names of the given pictures.



Fill letters in the grey boxes below to get the name of the picture aside.

S



1. Which is the most shocking city ?
2. Which month has 28 days ?
3. What has many rings, but no fingers ?
4. What is difference between an orange and an apple ?

Answers on page 21



Code - Decode

Answer the questions using the following codes.

1	2	3	4	5	6	7	8	9	10	11	12	13
A	B	C	D	E	F	G	H	I	J	K	L	M
14	15	16	17	18	19	20	21	22	23	24	25	26
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

1. Where is the tongue ?



2. What does the tongue do ?



3. How are eyes useful to us ?



4. How are ears useful to us ?



5. What has four legs, but cannot walk ?

6. What kind of dress can never be worn ?

7. Which bet can never be won ?

8. What type of bow can never be tied ?

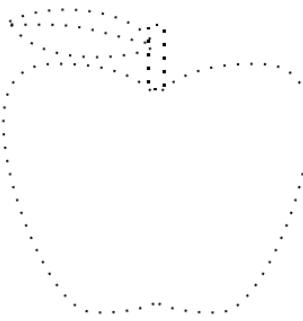
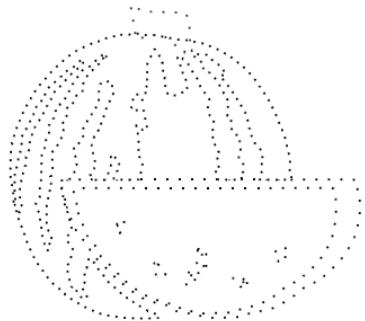




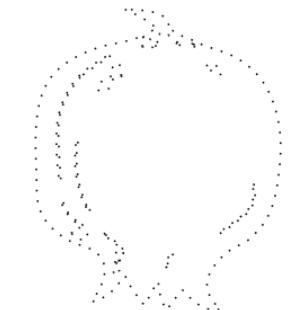
Who am I ?

Trace and colour the fruits, whose description is given.

1. I am green; I have a smooth skin; I am big and round; I am red inside; I taste sweet. Who am I ?



2. I am rough and hard; I have many seeds; I taste sour and sweet. Who am I ?



◀ The Great wall of China



Machu Picchu (Peru) ▶

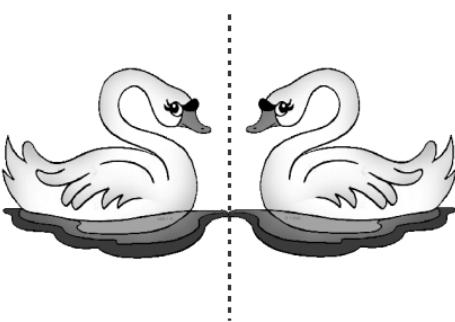
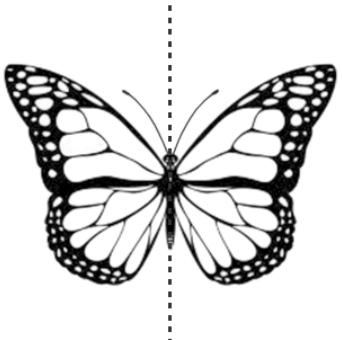


Answers on page 21

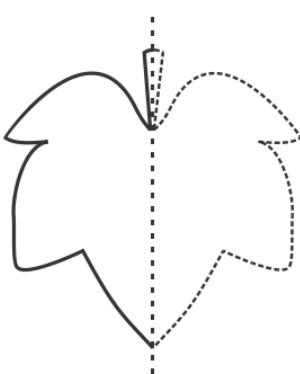
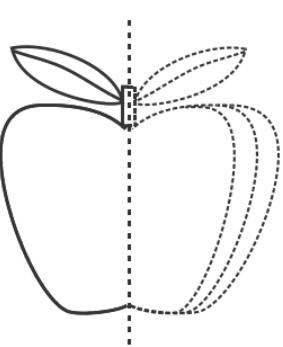
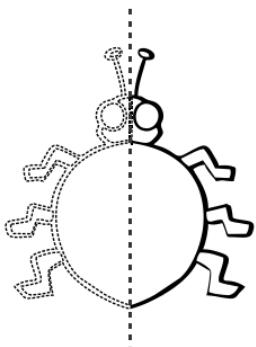


Beauty of Symmetry

Most of the things around us can be split into two matching halves if they are evenly divided down the centre.



Trace the symmetrical half with dotted lines.



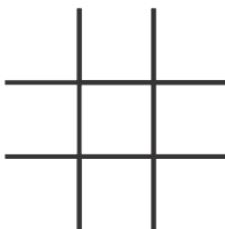


Fun with Codes

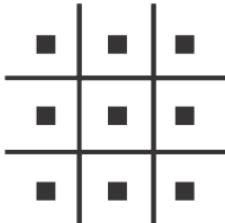
Have you ever wanted to send someone a secret message ?
A message that only you and that person would understand ?
Try this code :

First draw crossed boxes as shown below.

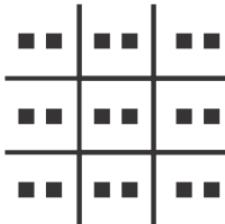
A	B	C
D	E	F
G	H	I



J	K	L
M	N	O
P	Q	R



S	T	U
V	W	X
Y	Z	.



This is how you can now code the word 'GOOD'



G O O D



**Now write below, a code in similar manner, for
HAPPY BIRTHDAY**

Identify the following code from Unified Council, for the forthcoming NSTSE, and write the meaning below.

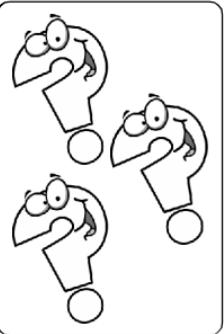


Gyan Mudra - Mudra of Knowledge

Method : Touch the tip of the thumb with the tip of the index finger, with the other three fingers stretched out.



Benefits : Increases memory power, sharpens the brain, enhances concentration and knowledge.



9. What has a face and two hands but no arms or legs ?
10. Why is the letter T like an island ?
11. How do you make seven even ?
12. What is yours, but your friends use it more than you do ?

Answers on page 21



Paper Craft

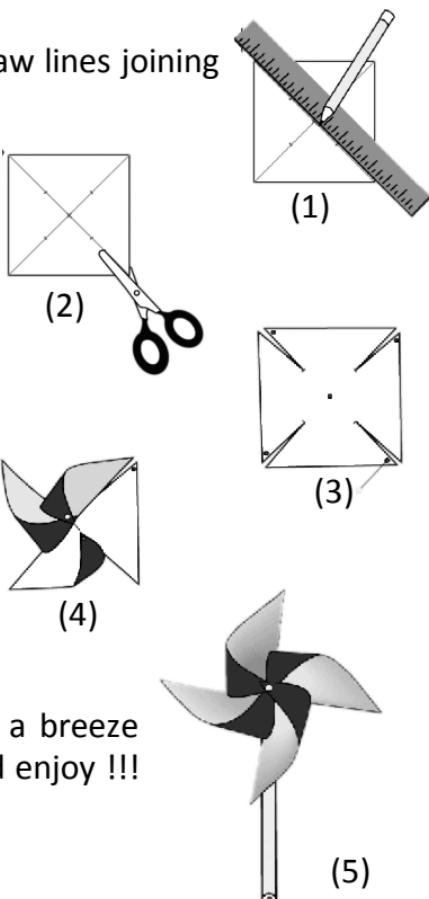
Make a paper wind mill

Things you need :

- ☛ A square paper of side 12 cm
- ☛ A bamboo stick
- ☛ A round-headed pin
- ☛ A pair of scissors
- ☛ A ruler
- ☛ A pencil

Steps to follow :

1. Using the ruler and pencil, draw lines joining opposite corners.
2. Cut half way on the lines.
3. Fold the left corners to the centre, holding the previous ones in place.
4. Push the round-headed pin through the folds at the centre and the bamboo stick and bend the pin down.
5. The paper wind mill is ready.



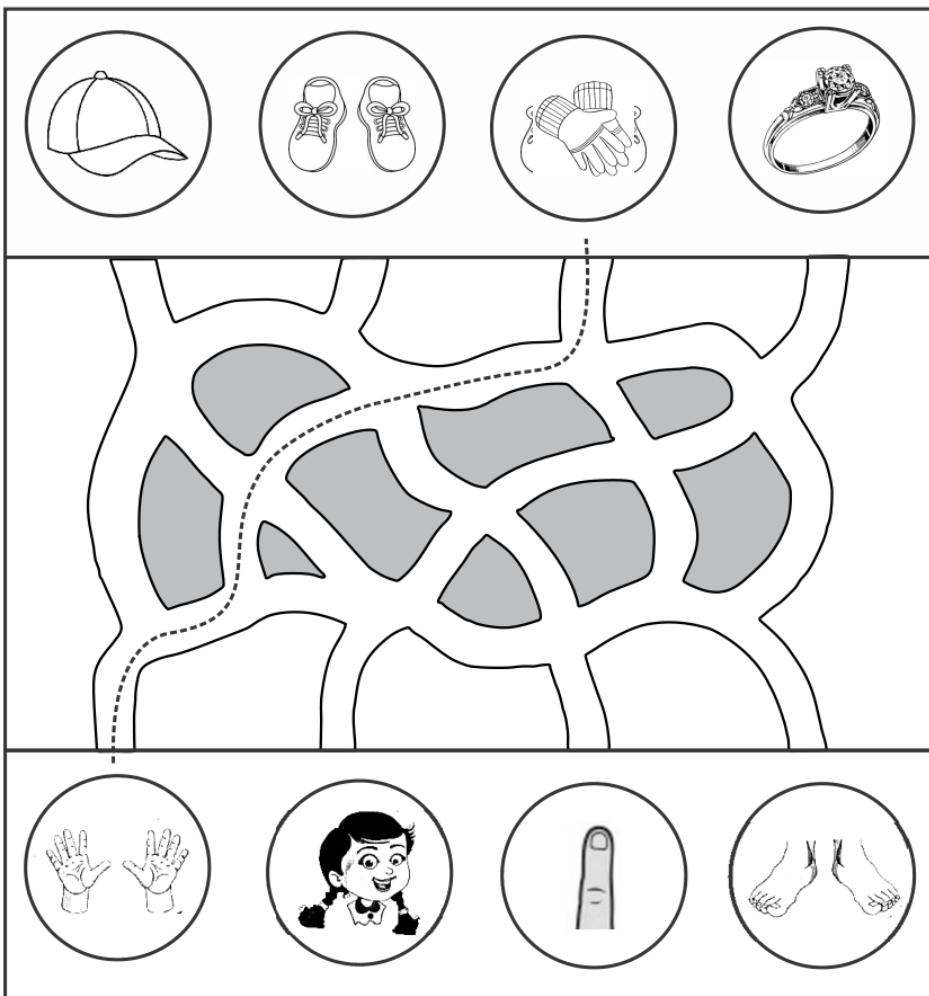
Watch it rotate
when there is a breeze
and enjoy !!!

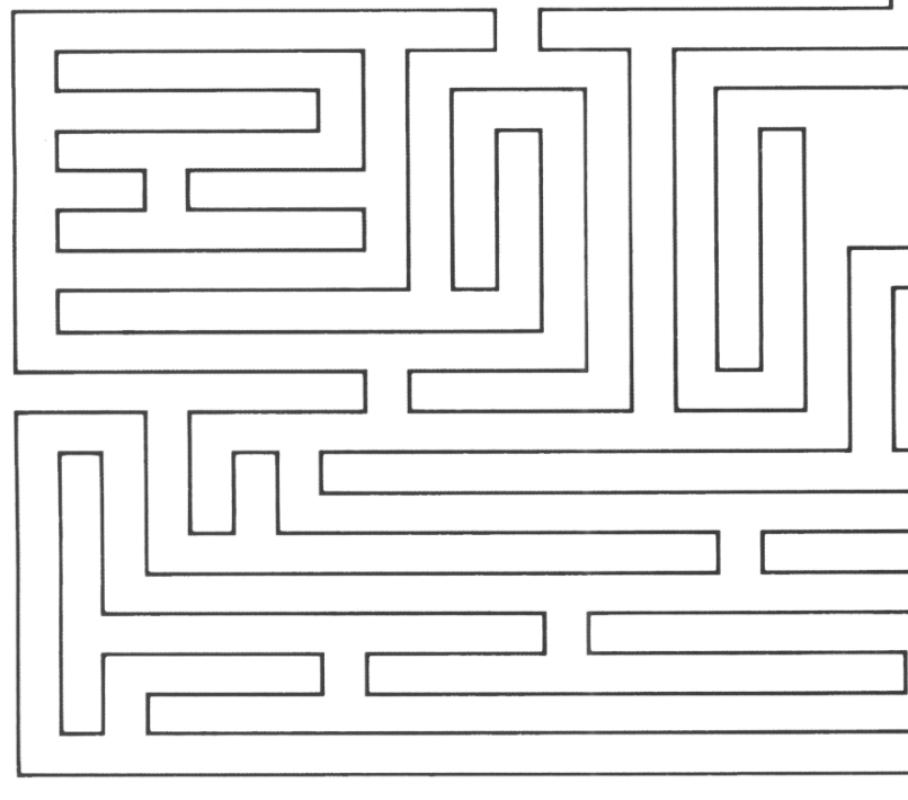
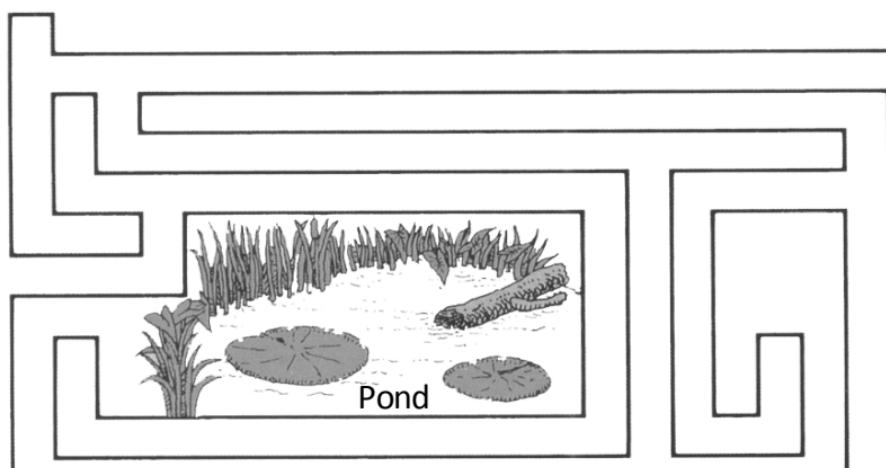


Parts of our Body

Find the correct body part :

Use a different colour for the path to every answer.
(one example is shown)





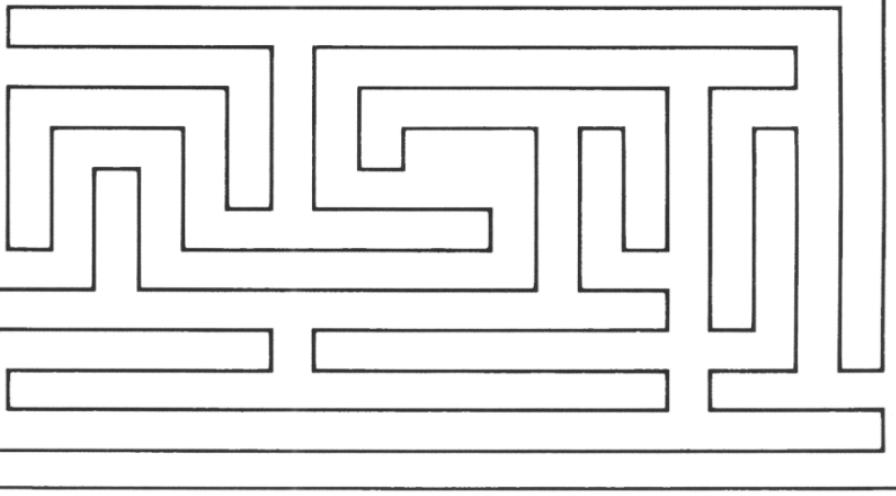
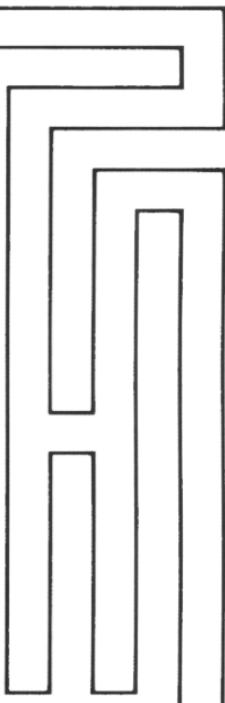


Start



Lost in the maze

**Help the frog to
reach the pond by
colouring his path.**





REBUS

A combination of pictures and letters which represents a word or phrase whose meaning has to be guessed.



with the gol



(A GOOSE with the golden EGGS)



ce ↑ on a



a



had the good



une



have a



laid a



every day. Lucky though the



gan

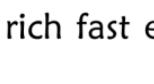


the

he was



get



able



lay gol



its insides



made of gold and the



thought t



get all t



precious metal at





 get mighty rich very soon. So, the  decided

 kill the .

?ever, on  ing the  o , the  was

shocked  find t  the innards of the  were

like t  of any other  !

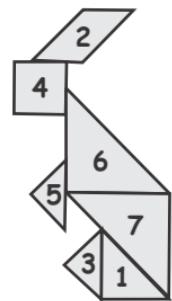
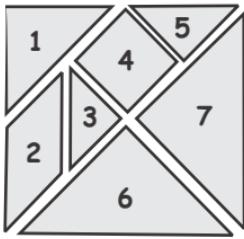
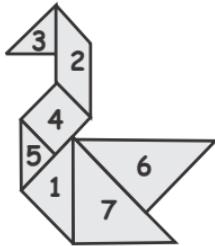
Moral : TH  TW  4  U  ACT.

The above 'Rebus' would read in normal text as given below.

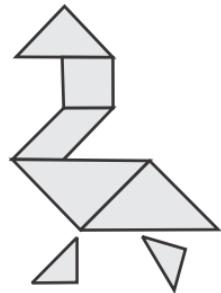
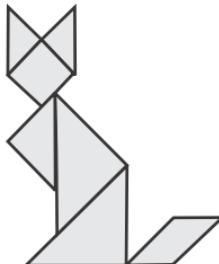
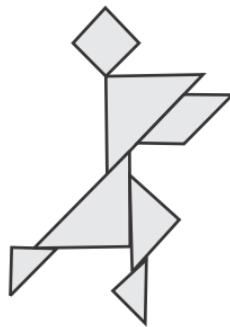
Once upon a time, a man had the good fortune to have a goose, which laid a golden egg every day. Lucky though the man was, he soon began to think he was not getting rich fast enough. The man imagined that if the goose must be able to lay golden eggs, its insides must be made of gold and the man thought that if he would get all that precious metal at once, he would get mighty rich very soon. So, the man decided to kill the goose. However, on cutting the goose open, the man was shocked to find that the innards of the goose were like that of any other goose ! Moral : Think twice before you act.



The tangram is a puzzle with seven flat shapes, called tans, which are put together to form shapes. It was originally invented in China. The objective of the puzzle is to form a specific shape using all seven pieces, which may not overlap.



Number the tans in the following shapes.



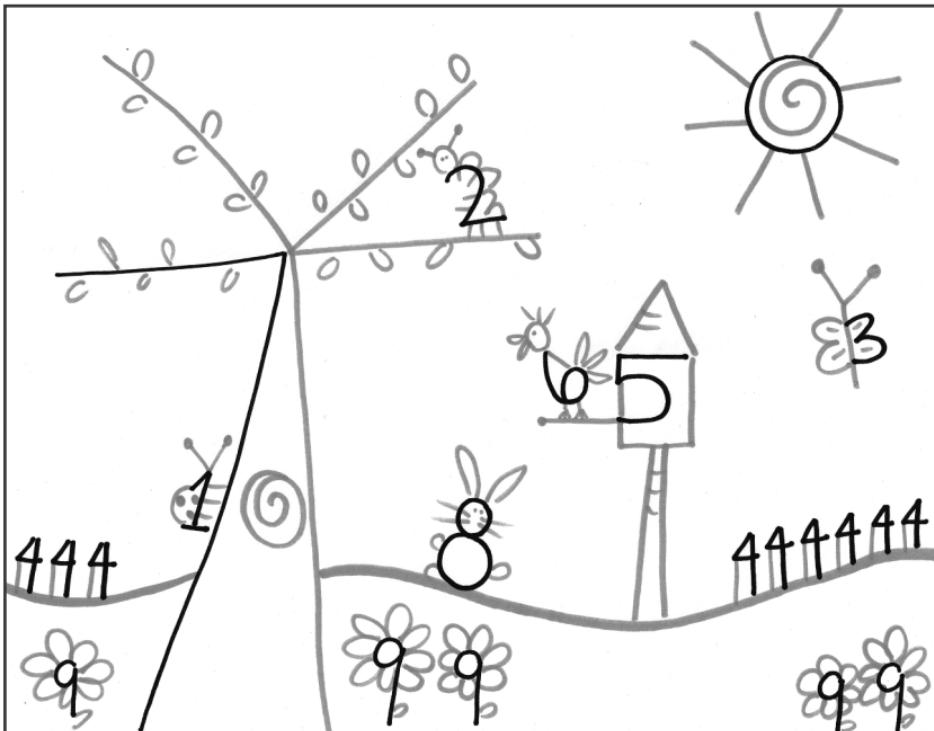
Over 6500 different tangram problems have been created from 19th century texts alone and the current number is ever-growing.



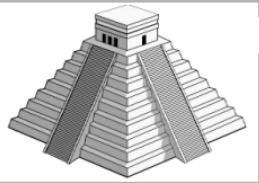


Numbers around us

Can you see any numbers in the picture below ?



Try to draw a picture yourself using the above numbered figures.



◀ The Pyramid at Chichen Itza (Mexico)



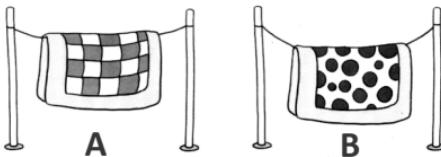
Christ — The Redeemer (Brazil) ➡





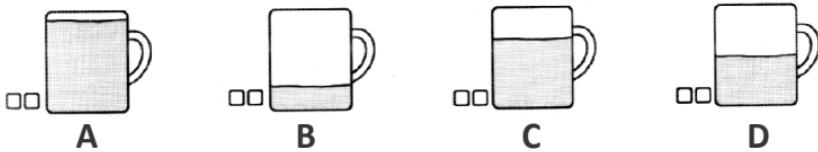
Test your Observation

1. Two blankets are hung under the sun as shown below.



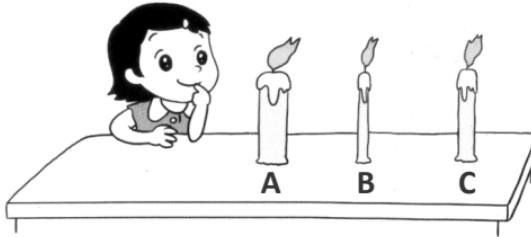
Identify the heavier blanket.

2. Below given are 4 cups of water. Two identical sugar cubes are added into each cup.



Which cup of water is the sweetest ? Why ?

3. Below are 3 candles of the same length.



Which candle will last the longest ?

1-B, 2-B (as the quantity of water is less and the number of sugar cubes are same for each glass), 3-A

Answers



Picture Puzzle

257	255	241	235
299	215	238	213
228	251	287	269
245	296	221	249

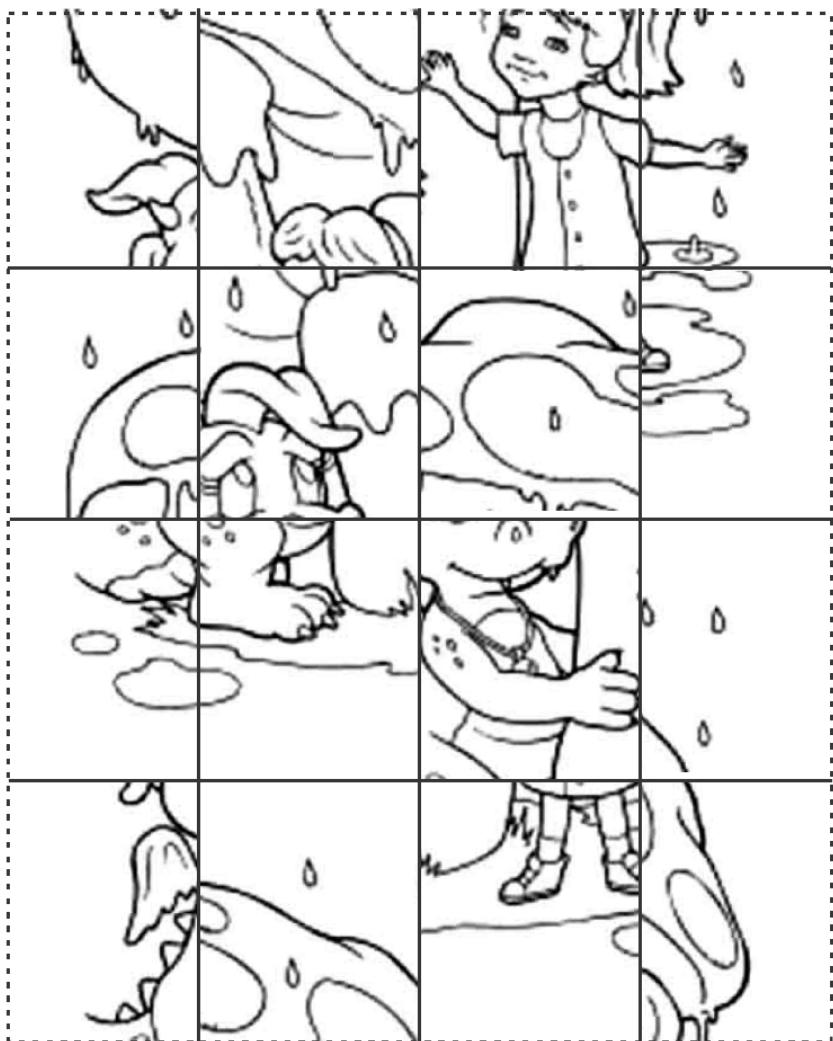
Instructions :

Step 1 : Cut along the lines.

Step 2 : Arrange numbers in ascending order from left to right in each row.

Step 3 : Flip each number and place it in the same position.

Step 4 : Hey, you are done with the puzzle Have fun !!!



Coliseum (Rome)



Petra (Jordan)





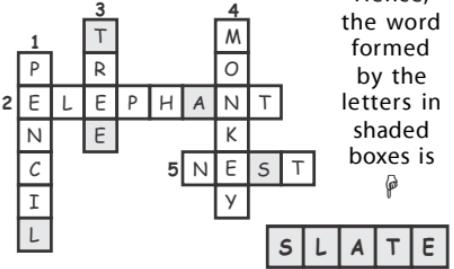
Sobriquet means a nickname or a name you give to somebody/something. Can you tell the sobriquet for each of the following?

- | | |
|-------------------------|----------------------------|
| 1. Land of Midnight Sun | 2. Land of White Elephants |
| 3. Garden City | 4. Magic City |
| 5. Dark Continent | 6. Paradise on the Earth |
| 7. Land of Cakes | 8. Chocolate City |

Ans.: 1. Norway 2. Thailand 3. Bangalore 4. Miami, Florida 5. Africa 6. Seychelles 7. Scotland 8. Washington D.C.

ANSWERS

Page 4 : Crossword Puzzle



Hence,
the word
formed
by the
letters in
shaded
boxes is
P

- Electricity.
- All of them, of course.
- Telephone.
- The colour of orange is orange but the colour of an apple is not apple.
- A table.
- Address
- The alphabet
- A clock
- A rainbow
- Because it is in the middle of water.
- By taking away 's'.
- Your name.
- Teapot
- Mailbox
- None, since they were copy cats the others jumped too.



Page 5 : Code - Decode

- | | |
|------------------|------------------|
| 1. In the mouth | 2. It tastes |
| 3. To see things | 4. To hear sound |

Page 6 : Who am I ?

1. Watermelon 2. Pomegranate

Page 9 : Fun with Codes

H A P P Y B I R T H D A Y

□ □ □ □ □ □ □ □ □ □ □
G O O D L U C K

Surya Mudra (Mudra of Sun)

Method : Bend the ring finger and press it with thumb.

Benefits : Reduces anxiety and corrects indigestion

