

BRAIN-BOOSTING ACTIVITIES FOR KIDS

Compilation of 40 activities



Neeta Khilnani

Ages: 5-8 years

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HOW IT HELPS?

- ✓ **These activities are designed to boost both the left and right side of your child's brain.**
 - Helps in academics
 - Aids overall personality development
- ✓ **Brain boosting activities are a fun and an effective teaching medium.**
 - Puzzles and riddles such as Word Hunt and Spell Fun help expand vocabulary
 - Picture reading enhances observation skills and boosts memory
 - Logical reasoning helps develop problem solving skills and encourages 'Out of the Box' thinking

WHAT CAN YOU DO?

- ✓ More than getting to the correct answer, encourage your child to solve these activities independently.
- ✓ Start at an early age so that the learning is deeply ingrained
- ✓ Share you child's feedback. It will help me immensely in developing activities for them.

"Children learn as they play. More importantly, in play children learn how to learn."

- O Fred Donaldson, internationally acclaimed play specialist

WEEK 1

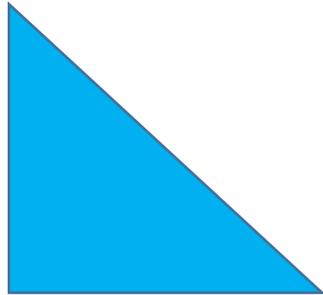




SHAPE FUN

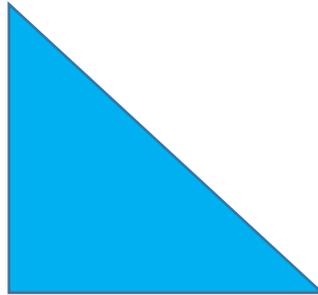


Take a paper, pencil and try this:



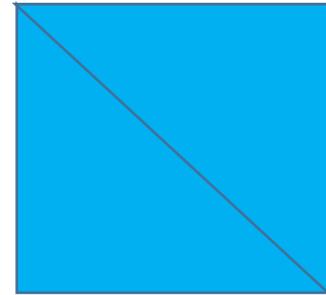
Triangle

+

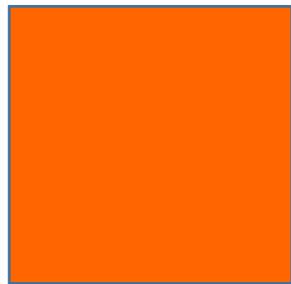


Triangle

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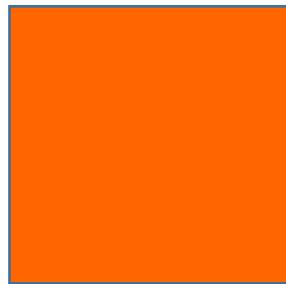


Square



Square

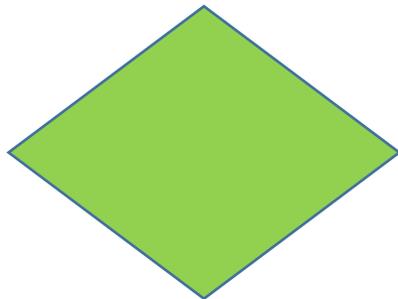
+



Square

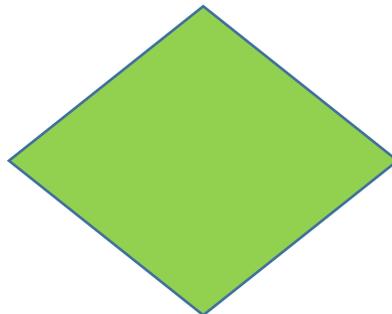
=

?



Diamond

+



Diamond

=

?

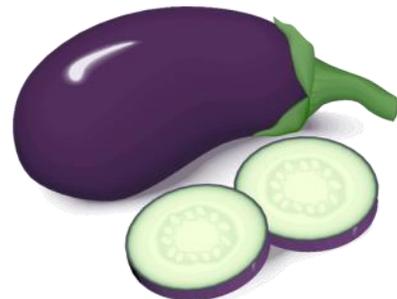
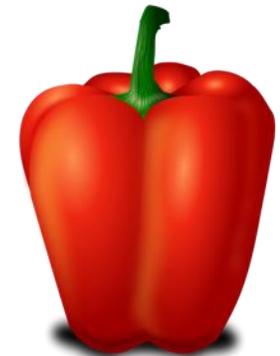
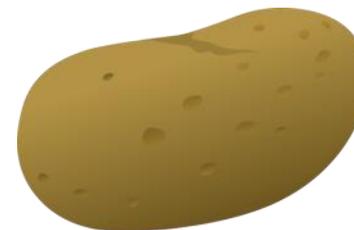
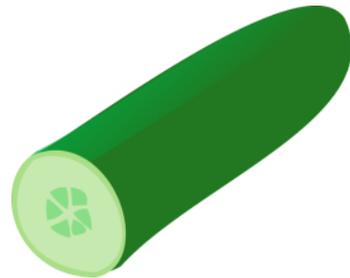


DID YOU KNOW?



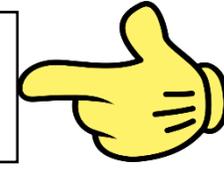
According to science, a fruit grows from the flower of a plant and contains seeds while, vegetables consists of stems, roots or leaves.

As per this definition, which of the following are fruits?



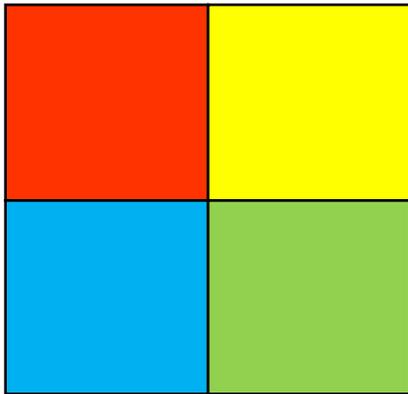


LOGICAL REASONING

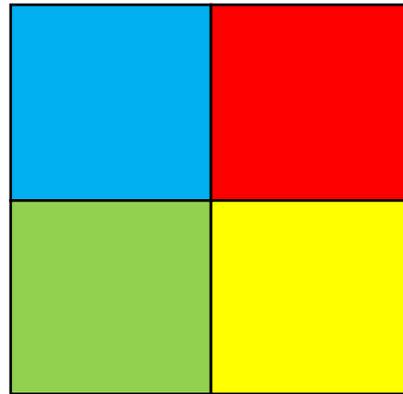


Complete the number 3 pattern.

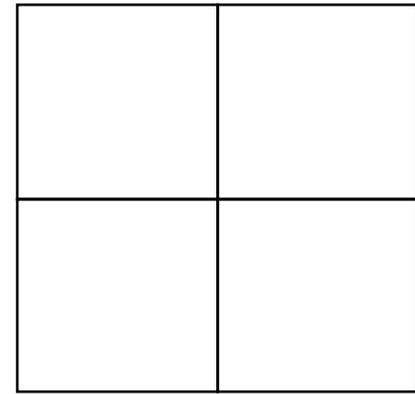
1



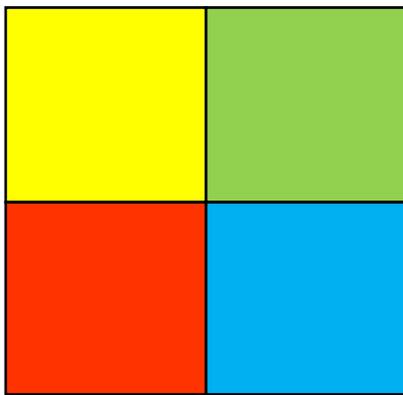
2



3



4

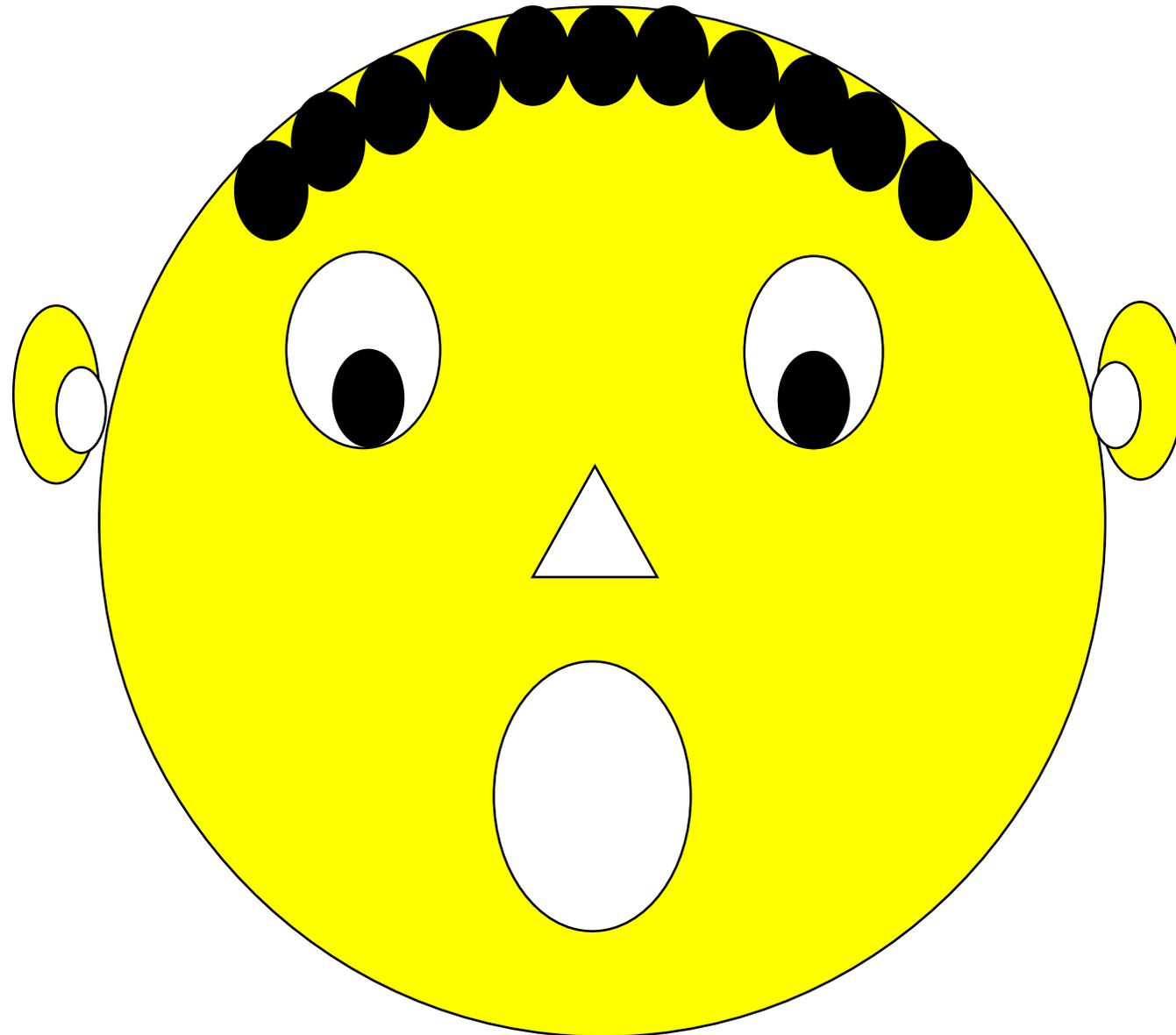




HOW MANY?



How many i) circles and ii) ovals are there in the picture?



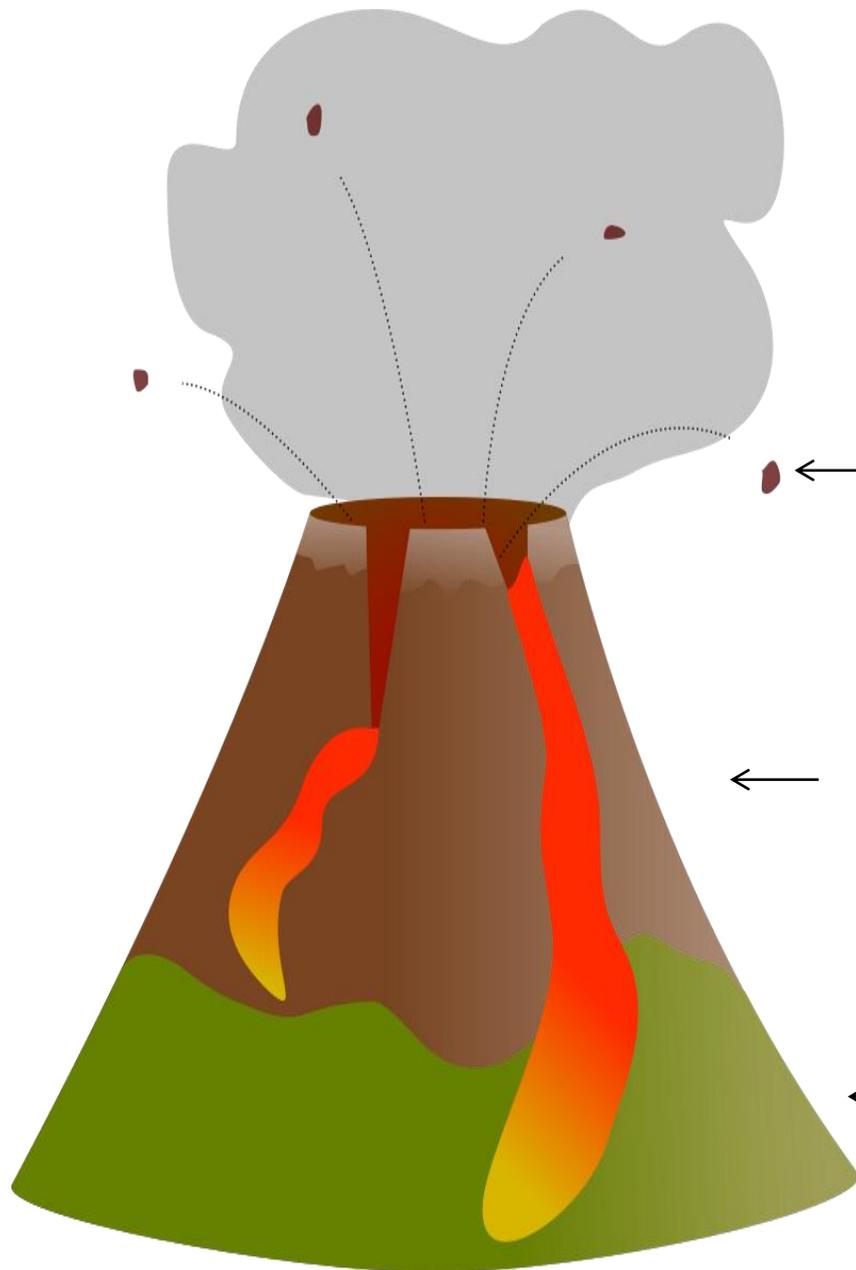


CONCEPT



VOLCANO

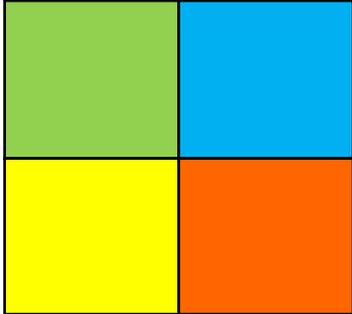
Did you know? The temperature of the lava can range between 700 to 1200 degree Celsius – little lower than the hottest part of a candle flame!



← The pressure builds up inside the mountain and finally there is an explosion of hot lava and rocks

← The gas solidifies as the temperature cools down a bit inside the mountain

← Hot gas and rocks escape from an opening in the earth's surface into the mountain

| No. | Answers |
|-----|---|
| 1 |  <p data-bbox="759 515 947 557">Rectangle</p>  <p data-bbox="1391 529 1658 571">Parallelogram</p> |
| 2. | Tomato, Cucumber, Bell Pepper, Eggplant and Pumpkin are fruits |
| 3. |  |
| 4. | 1 Circle and 20 ovals |

WEEK 2





CODING



If $A=B$, $B=C$, $C=D$ and so on till $Z=A$, then how will you write the following?

MY = _____

NAME = _____

IS = _____

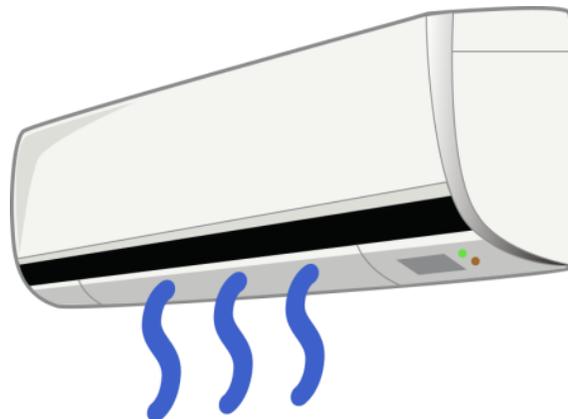
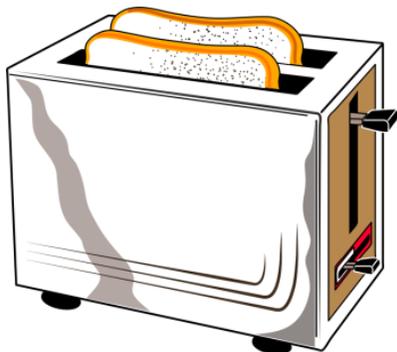
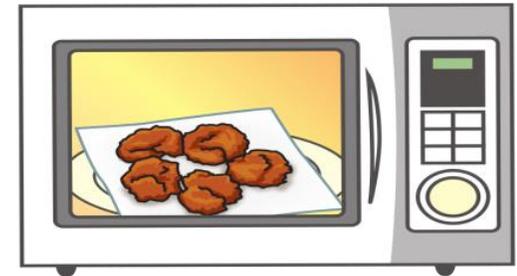
YOUR NAME = _____



ODD ONE OUT

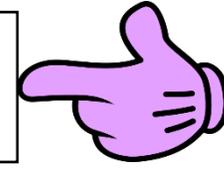


Find the odd one out.





WHO AM I?



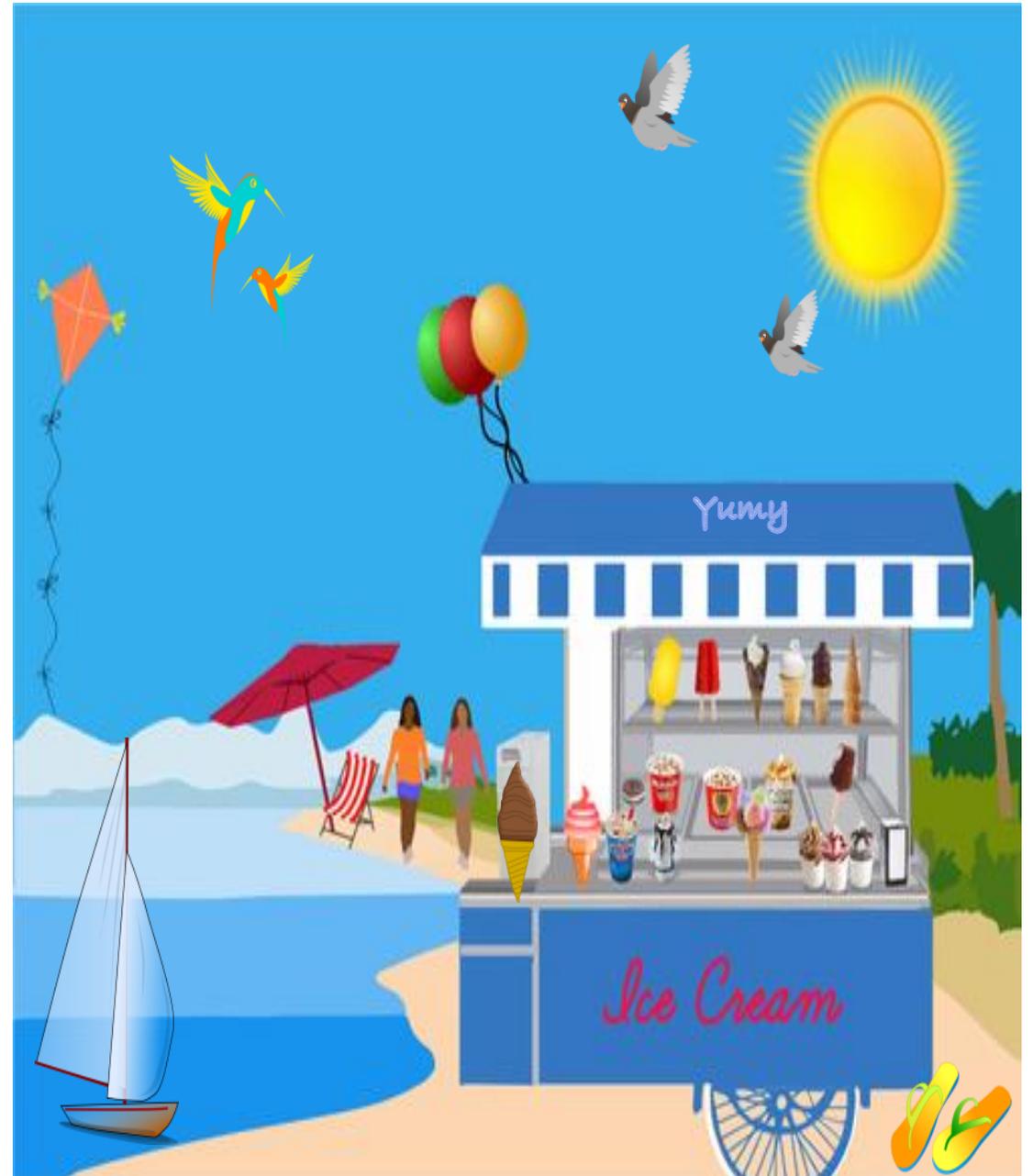
- I can go up but never come down. Who am I?
- I am named after an animal. You will find me on the road. What am I?
- I am a stem vegetable. I have a sweet root brother. Can you name us both?



SPOT FIVE DIFFERENCES



Spot five differences in the second picture.

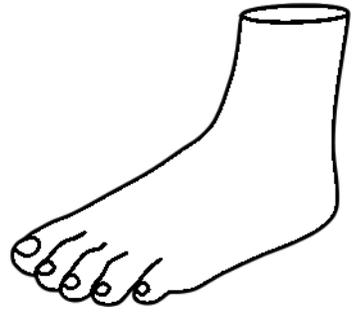




BODY PARTS



Number the body parts from top to bottom. Take a paper and pencil and label the topmost part as 1 and so on.



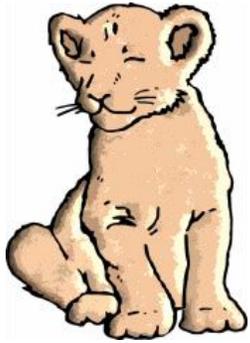


ANIMAL BABIES

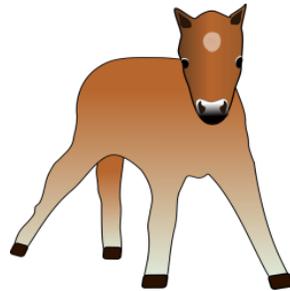


Match the animal babies with their adults.

Cub



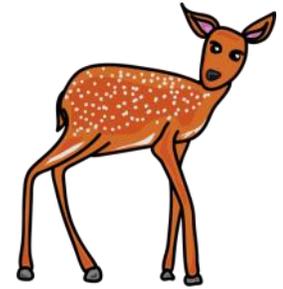
Foal



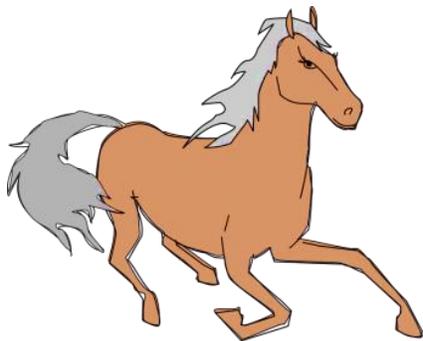
Tadpole



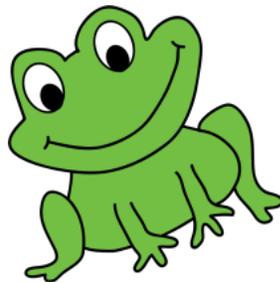
Calf



Horse



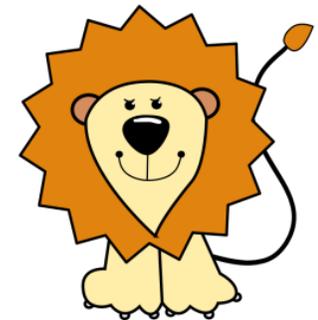
Frog



Reindeer



Lion





CONCEPT



1 Kilogram = 1000 grams

100 grams



500 grams



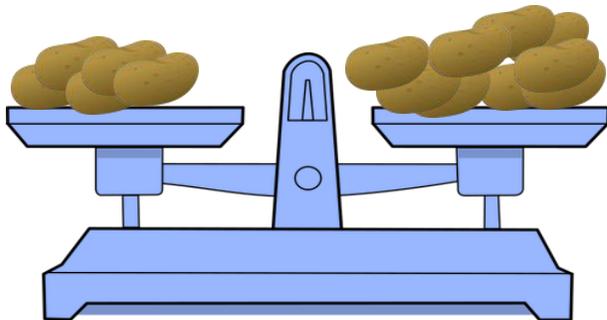
1000 grams = 1 kilogram



Which scale will go down?

600 grams

900 grams



Is the vegetable greater or lesser than 1 kilogram?



Is the vegetable greater or lesser than 1 kilogram?



| No. | Answers |
|-----|---|
| 1 | MY=NZ NAME=OBNF IS=JT |
| 2. | Air conditioner because you will not find that in a kitchen. |
| 3. | i. Age/height ii. Zebra Crossing iii. Potato and Sweet Potato |
| 4. | i. Blue bird ii. Sailing boat iii. Ball iv. Crab v. 'm' in Yummy |
| 5. | Correct order – i. Hair ii. Eyes iii. Nose iv. Lips v. Hands vi. Knee and vii. Feet |
| 6. | i. Cub with lion ii. Foal with horse iii. Tadpole with frog iv. Calf with reindeer |
| 7. | i. 900 gms scale will go down ii. Vegetable is lesser than 1kg iii. Vegetable is heavier than 1kg |

WEEK 3





PICTURE READING

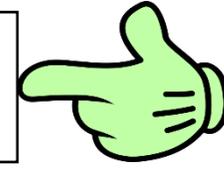


Look at this picture. There are 5 elements which are not appropriate. Find them.



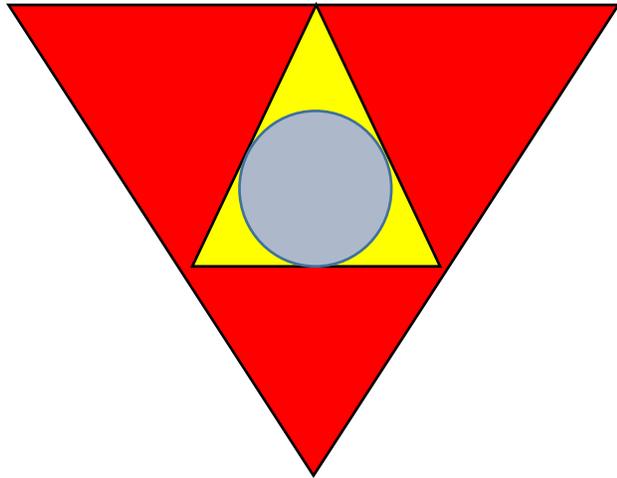


LOGICAL REASONING

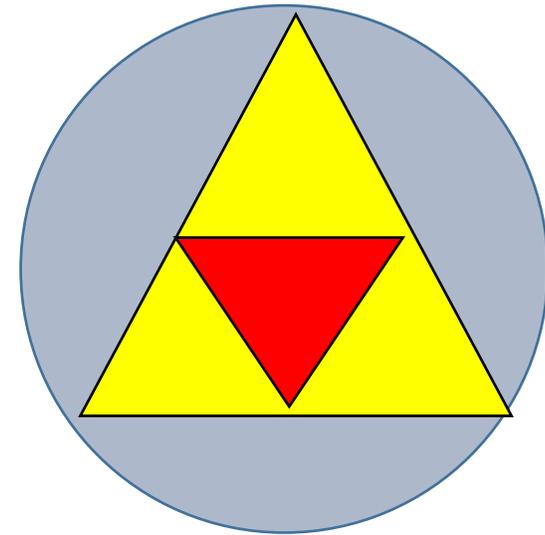


Observe the pattern and answer the question.

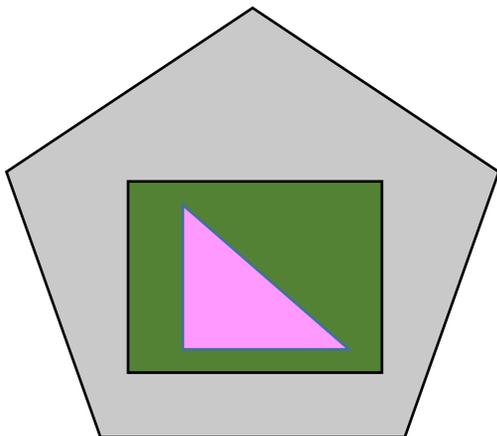
If



=



then

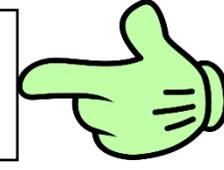


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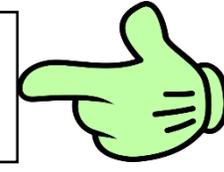
RIDDLES



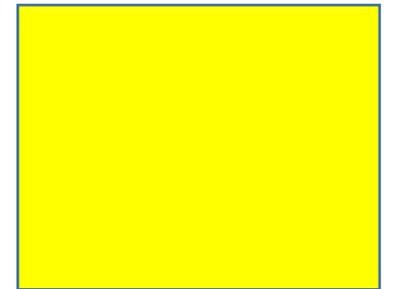
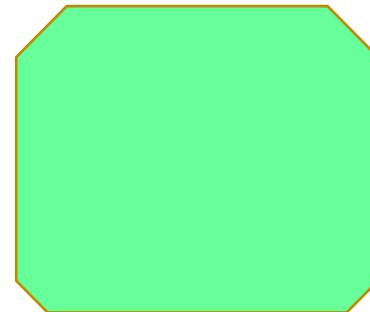
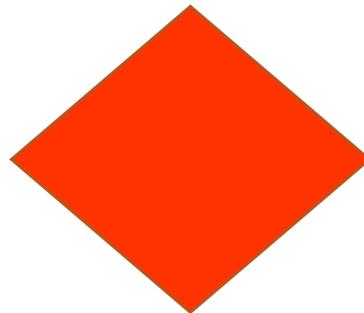
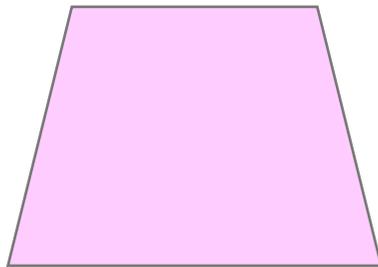
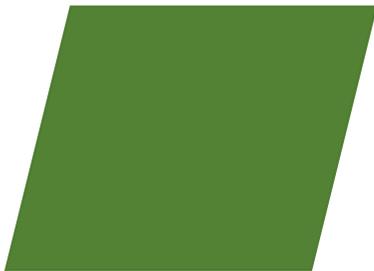
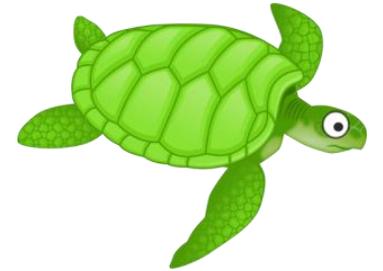
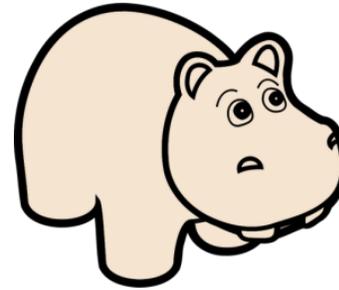
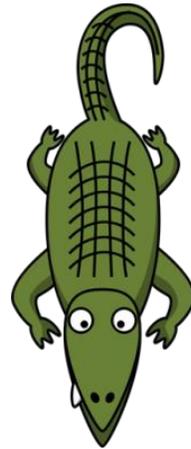
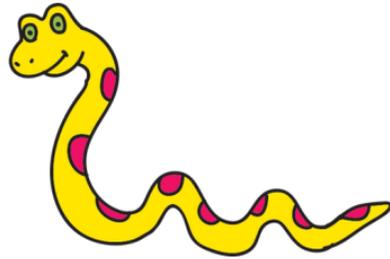
- Jack's mother has three sons. Bob, Steve and _____.
- I have teeth but cannot bite. What am I?
- I am a fruit. I am green outside and white inside. There is black inside my white. Who am I?
- I am common in Mother, Father, Brother, and Feather. What am I?
- I have no shape, no colour and no smell. What am I?



ODD ONE OUT

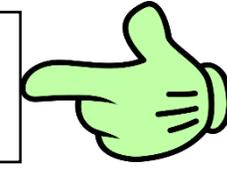


Find the odd one out in both the series.





CODING



If

PLEASE GIVE ME MY BAG = 6 4 2 2 3

Then

I SAW A ROARING LION = ?

And

I LOVE MY FAMILY = ?



CAN YOU FIND?



Can you find the numbers 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10?





CONCEPT



There are 24 hours in a day divided as follows:

Select the correct answer:

6:00 AM to 6:00 PM -- 12 hours

6:00 AM 12:00 PM MID-DAY 6:00 PM

6:00 PM to 6:00 AM -- 12 hours

6:00 PM 12:00 AM MID-NIGHT 6:00 AM

TIME: 9:00 AM



TIME: 9:00 PM



TIME: 3:00 PM



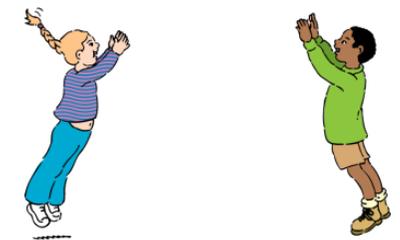
TIME: 3:00 AM

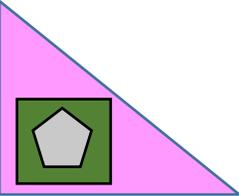
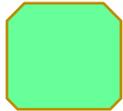


TIME: 6:00 PM



TIME: 6:00 AM



| No. | Answers |
|-----|---|
| 1 | i. Duck sitting in grass ii. Horse being fed a bone iii. Bird sitting in the sky iv. Stars in a sunny sky v. Lion in a farm |
| 2. |  |
| 3. | i. Jack ii. Comb iii. Custard Apple iv. 'ther' v. Water |
| 4. | i. Hippopotamus because it is not a reptile ii.  because it does not have 4 sides; it has 8 sides |
| 5. | Code = Number of letters in the word i. 1 3 1 7 4 ii. 1 4 2 6 |
| 6. |  |
| 7. | i. Time: 9:00 AM ii. Time: 3:00 AM iii. Time: 6:00 PM |

WEEK 4



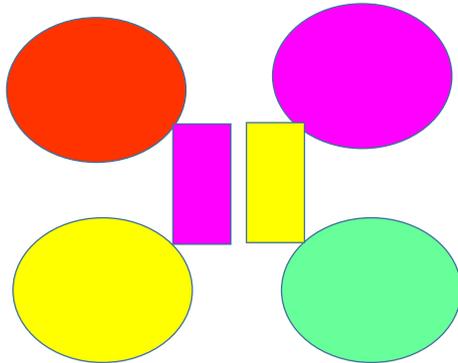


LOGICAL REASONING

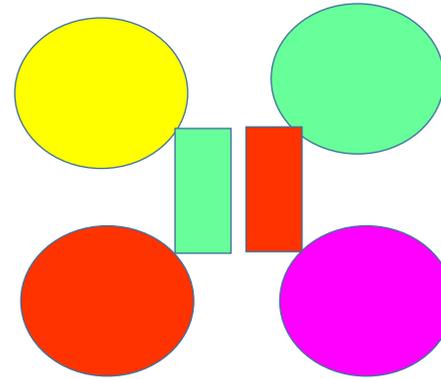


Observe the pattern and answer the question.

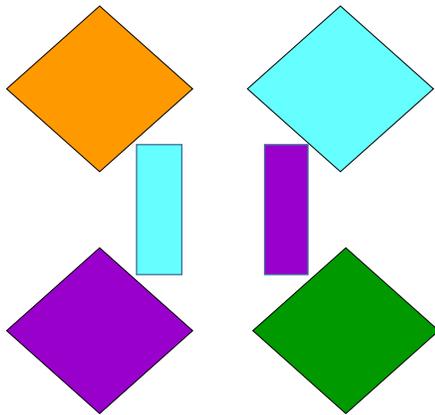
If



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then

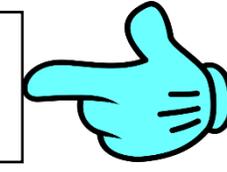


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PICTURE READING



Look at this picture. There are 5 elements which are not appropriate. Find them.





WORD HUNT



Find the answers to these questions in the grid given.

1. You can find me in your home and school. I have a back but I cannot bend.
2. I have a room in my name but I have no room for anyone.
3. I am Tadpole. Who is my mother?
4. I am the first number to stand besides zero.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| V | E | S | R | A | T | S | M | P |
| F | R | O | F | G | Y | S | A | T |
| R | S | Z | C | R | A | B | P | Q |
| M | U | S | H | R | O | O | M | K |
| Z | X | L | A | N | T | G | E | A |
| M | V | J | I | V | J | O | S | P |
| O | N | E | R | C | B | N | P | R |
| G | I | N | E | T | F | R | O | G |



OUT OF THE BOX



Take 4 matchsticks. How many alphabets can you make using any number of these four matchsticks?



Select the correct answer:

- A] 14 B] 15 C] 16 D] 17

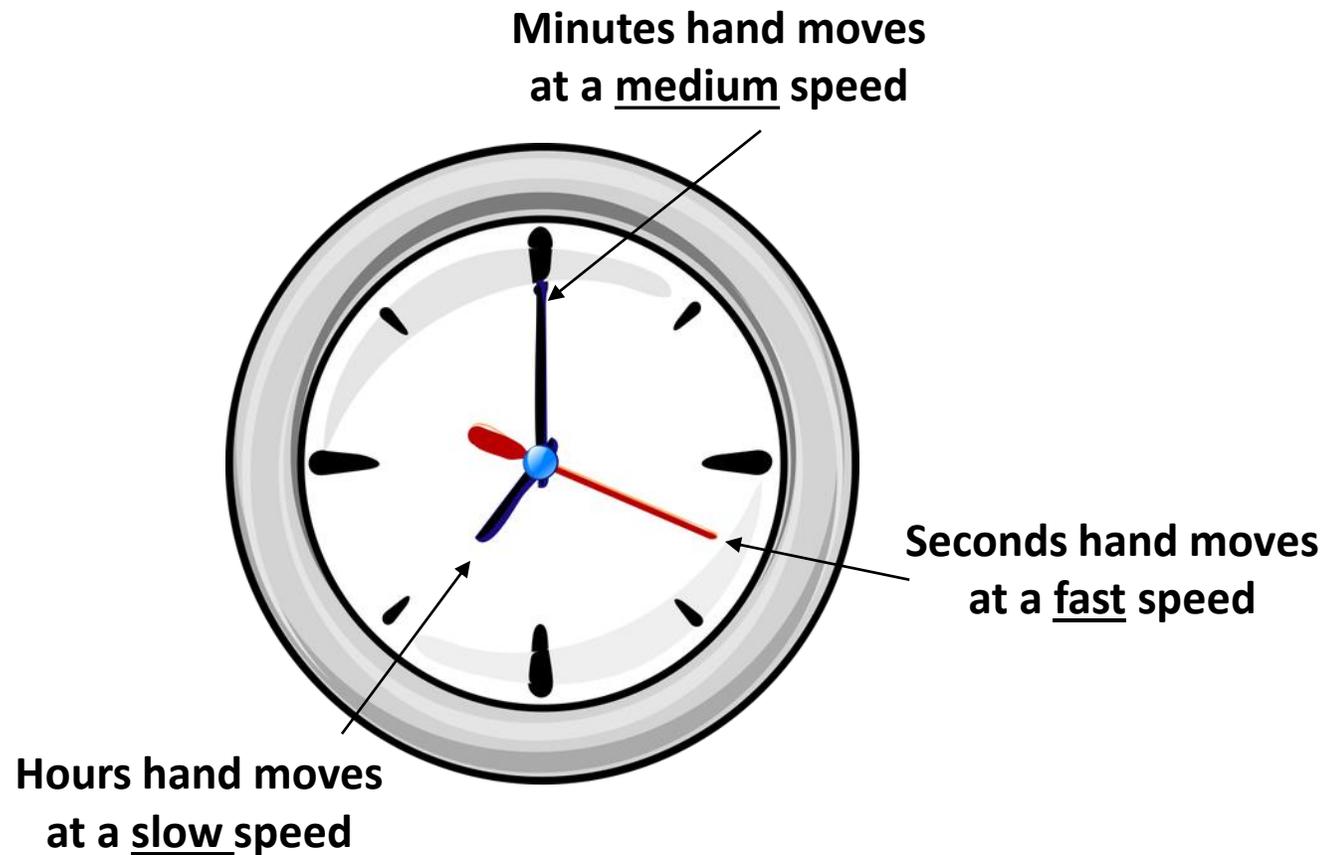


CONCEPT

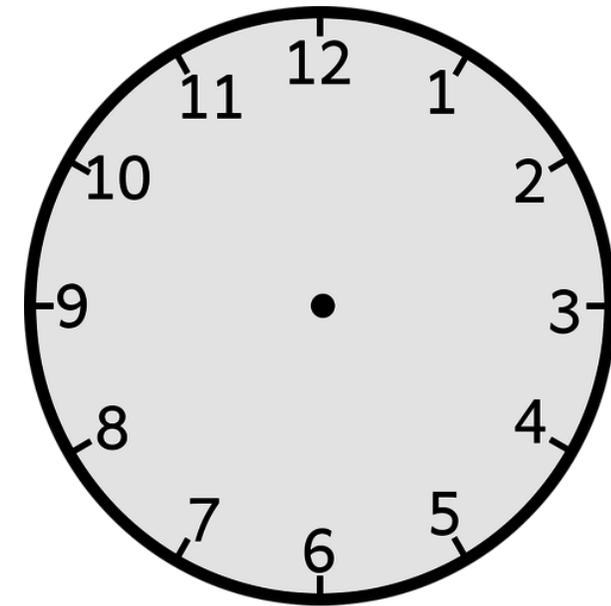


3 HANDS OF THE CLOCK

Take a clock in your hand and identify the 3 hands of the clock.



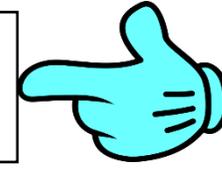
ACTIVITY



Draw the above clock on a paper. Draw the missing hands. Ask your parents to tell you the time you drew!



ODD ONE OUT



Observe the pattern and find the odd one out in both the series.

| | | | | |
|------------|------------|------------|------------|------------|
| 3 5 | 7 9 | 1 2 | 6 8 | 2 4 |
|------------|------------|------------|------------|------------|

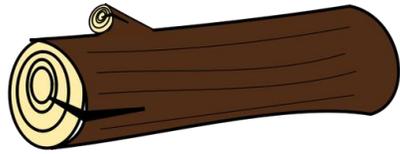
| | | | | |
|--------------|--------------|--------------|--------------|---------------|
| 10 20 | 40 30 | 60 50 | 80 70 | 100 90 |
|--------------|--------------|--------------|--------------|---------------|



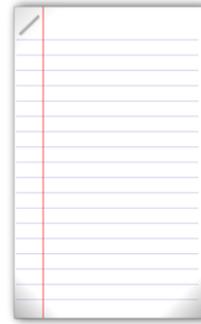
RELATIONSHIPS



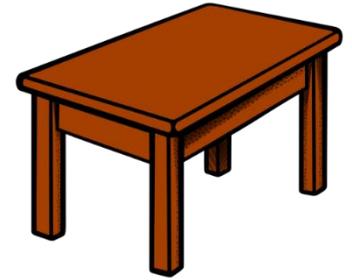
If



=



and



then

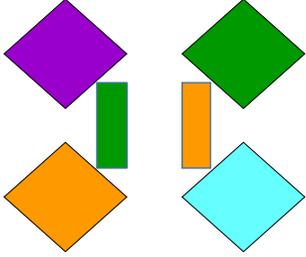


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?

and

?

| No. | Answers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | i. Plant with flowers in desert ii. Fish on sand iii. Black clouds in a sunny sky iv. Monkey in a desert and v. Gum boots on sand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | <p>i. Chair ii. Mushroom iii. Frog iv. One</p> <table border="1" data-bbox="667 849 1187 1290"> <tbody> <tr><td>V</td><td>E</td><td>S</td><td>R</td><td>A</td><td>T</td><td>S</td><td>M</td><td>P</td></tr> <tr><td>F</td><td>R</td><td>O</td><td>F</td><td>G</td><td>Y</td><td>S</td><td>A</td><td>T</td></tr> <tr><td>R</td><td>S</td><td>Z</td><td>C</td><td>R</td><td>A</td><td>B</td><td>P</td><td>Q</td></tr> <tr><td>M</td><td>U</td><td>S</td><td>H</td><td>R</td><td>O</td><td>O</td><td>M</td><td>K</td></tr> <tr><td>Z</td><td>X</td><td>L</td><td>A</td><td>N</td><td>T</td><td>G</td><td>E</td><td>A</td></tr> <tr><td>M</td><td>V</td><td>J</td><td>I</td><td>V</td><td>J</td><td>O</td><td>S</td><td>P</td></tr> <tr><td>O</td><td>N</td><td>E</td><td>R</td><td>C</td><td>B</td><td>N</td><td>P</td><td>R</td></tr> <tr><td>G</td><td>I</td><td>N</td><td>E</td><td>T</td><td>F</td><td>R</td><td>O</td><td>G</td></tr> </tbody> </table> | V | E | S | R | A | T | S | M | P | F | R | O | F | G | Y | S | A | T | R | S | Z | C | R | A | B | P | Q | M | U | S | H | R | O | O | M | K | Z | X | L | A | N | T | G | E | A | M | V | J | I | V | J | O | S | P | O | N | E | R | C | B | N | P | R | G | I | N | E | T | F | R | O | G |
| V | E | S | R | A | T | S | M | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | R | O | F | G | Y | S | A | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | S | Z | C | R | A | B | P | Q | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | U | S | H | R | O | O | M | K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Z | X | L | A | N | T | G | E | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | V | J | I | V | J | O | S | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| O | N | E | R | C | B | N | P | R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | I | N | E | T | F | R | O | G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | 15: A, E, F, H, I, K, L, M, N, T, V, W, X, Y, and Z | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. | 1 2 and 10 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. | Can be curd, ice cream, buttermilk, chocolate or anything else that you know of. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WEEK 5

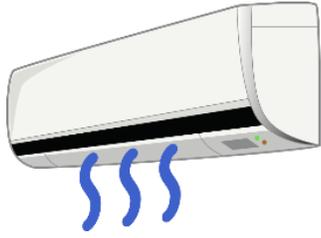




SPELL FUN



Add one letter to the below word to make a new word based on the hints given.

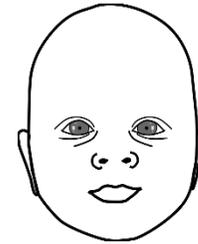


AIR

+

=

I sit on top of your head

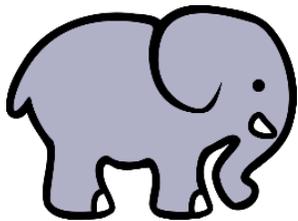


OIL

+

=

Seed needs me to grow to a



FAT

+

=



He ran _____.



RIDDLE



One day Peter told his mother...



Mom, I want you to make for me something that starts with the letter my name starts with, is as big as my name and has no other letters of my name.

What does he want his mother to make?



LOGICAL REASONING

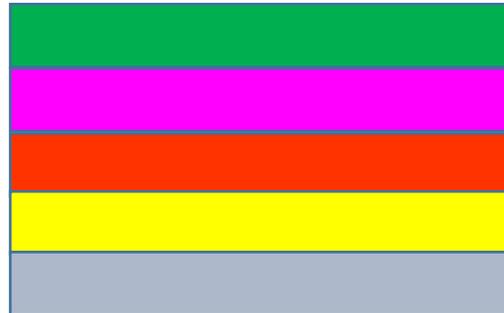


Complete the number 4 pattern.

1



2



3



4



5





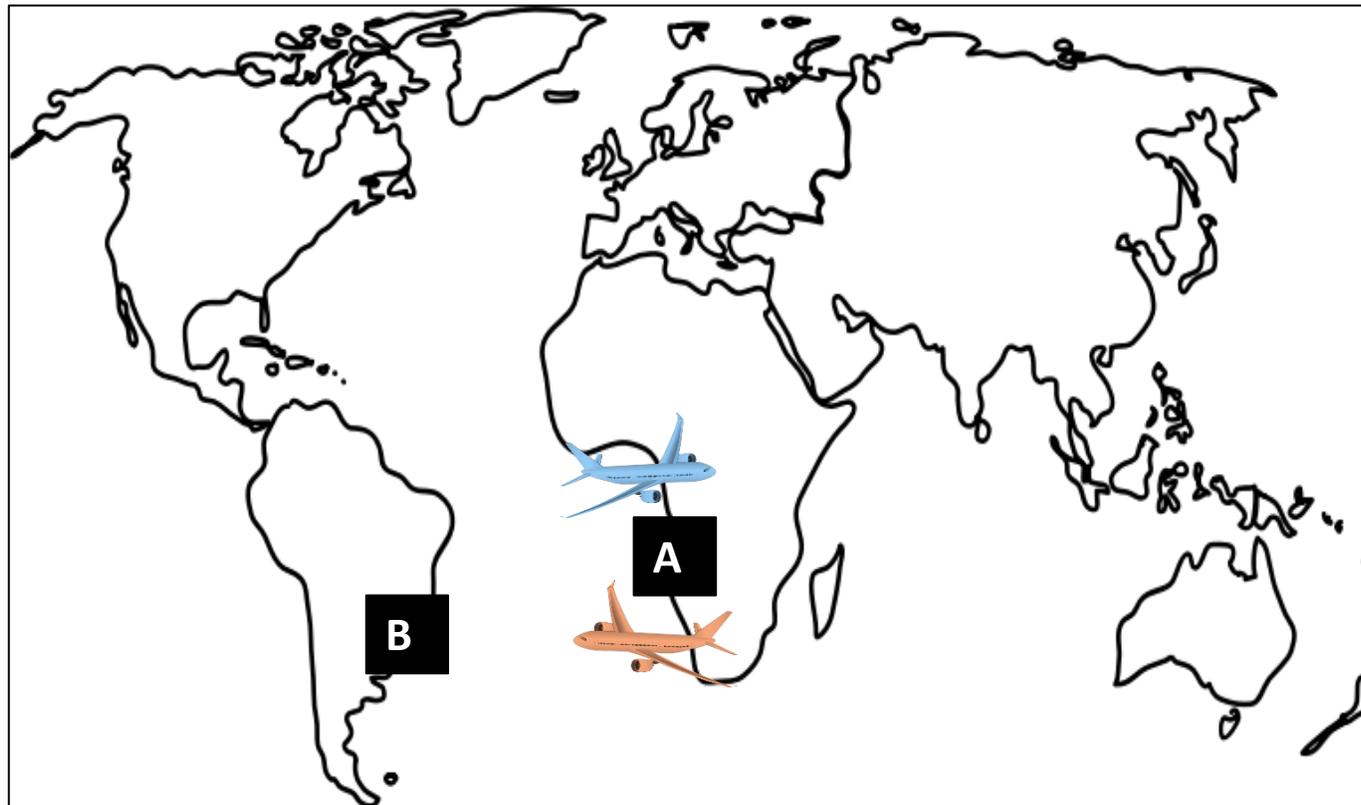
CONCEPT



The world is round.

ACTIVITY:

Draw a simple world map on paper and answer the question.



Is taking the longest possible route from Place A to Place B.



Is taking the shortest possible route from Place A to Place B.

What are the routes of



and



?



OPPOSITES GAME



Jack is a very naughty boy. Whenever he is 'happy', he says he is 'sad'. Whenever his 'stomach is full', he says he is 'hungry'.

What would Jack say in the following circumstances?

- When he sets the AC temperature to 16 degrees.

Jack: I am feeling so _____.

- When it is drizzling outside.

Jack: It is raining so _____.

- When he ate a chilly by mistake.

Jack: This is so _____!

- When he hears a lion roar.

Jack: The lion's roar is so _____.





PICTURE READING



Observe the picture and answer the following questions.



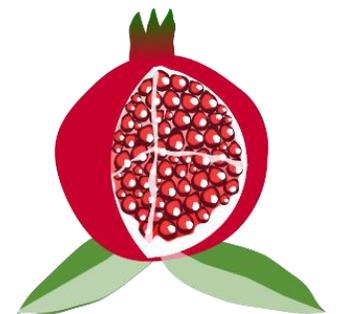
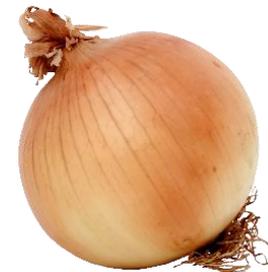
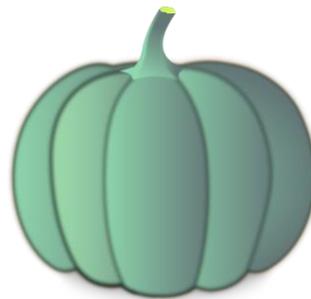
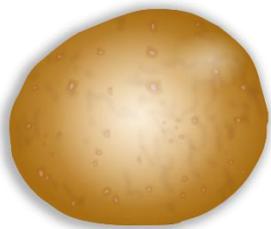
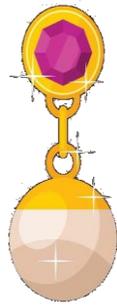
- Count the number of stars not in the sky.
- Find three elements not appropriate in the picture.
- Everything that goes up comes down because of GRAVITY. Hence, what is the one thing in this picture which is not possible?
- Which month and which festival does this picture depict?



ODD ONE OUT



Find the odd one out in both the series.



| No. | Answers |
|-----|--|
| 1 | H = HAIR , S = SOIL, S = FAST |
| 2. | Pizza |
| 3. |  |
| 4. | Join both the ends of the paper to show the longest route; this is possible because the world is round. |
| 5. | i. I am feeling so hot. ii. It is raining so heavily. iii. This is so sweet! iv. The lion's roar is so soft. |
| 6. | i. 13 ii. Butterfly in snow, deer in snow and apples in Christmas tree iii. Plaits standing up iv. December/Christmas |
| 7. | i. Wrist watch because it is not worn in pairs ii. Onion because it does not begin with P |