



## From the Editor's desk

*Dear colleagues and families,*

It's the time of the year for the 'Scribbles Holiday Special' issue.

Packed with activities, this summer special will keep the young, the young at heart, and the little ones at home engaged. Different contests in the last few pages are open for the entire family, and prizes await the winners.

Summer means good sunshine and usually more time with loved ones due to school holidays, etc. Let's keep a smile on our faces, our minds full of cheer, and focus on spreading positivity.

I hope you enjoy the season and this issue.

Best regards,

Narayan Sethuramon



# HOLIDAY SPECIAL

Match Me

Activity 1  
(Age: 3 - 5)

Match the letters to the pictures starting with the same letter

A

D

C

E

B



## Dot to Dot

## Activity 2 (Age: 3 - 5)




Connect the dots to reveal the animal



## Animal Word Scramble

### Activity 3 (Age: 3 - 5)

Unscramble the names of the animals and write it in the blank

<p>1</p>  <p>LPETNEAH</p> <hr/>	<p>2</p>  <p>XFO</p> <hr/>	<p>3</p>  <p>IEGAFFR</p> <hr/>
<p>4</p>  <p>EBRA</p> <hr/>	<p>5</p>  <p>LNIO</p> <hr/>	<p>6</p>  <p>OCNARO</p> <hr/>
<p>7</p>  <p>KOENYM</p> <hr/>	<p>8</p>  <p>OGD</p> <hr/>	<p>9</p>  <p>EABRZ</p> <hr/>

## Number Bonds

### Activity 4 (Age: 5 - 7)

Use your math skills to find the value of each symbol and the ? in the puzzle below:

$$\text{fish} + \text{beans} + \text{fish} = \text{skewer}$$

$$26 - \text{skewer} = \text{watermelon}$$

$$\text{watermelon} + \text{watermelon} = 2$$

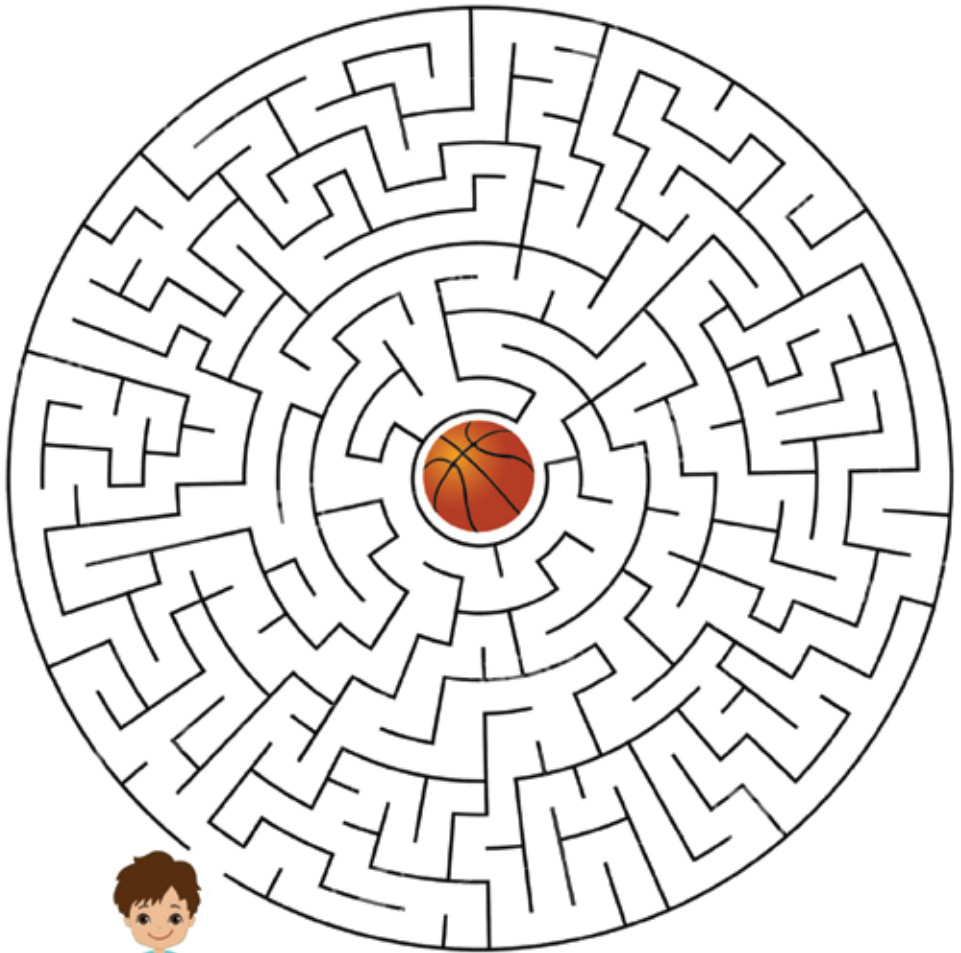
$$\text{fish} + \text{fish} = \text{watermelon} + 9$$

$$\text{skewer} - \text{beans} = ?$$

## Mazey Maze

**Activity 5**  
(Age: 5 - 7)

Help Anand reach the ball



## Animal Find

### Activity 6 (Age: 5 - 7)

Search vertically or horizontally and find the names of animals

H	R	T	O	R	T	O	I	S	E
B	A	U	X	K	W	F	L	B	Y
E	C	R	O	C	O	D	I	L	E
J	W	T	K	E	Z	A	Z	N	D
I	K	L	P	T	S	N	A	K	E
X	S	E	N	W	A	Y	R	N	G
A	T	U	D	P	E	M	D	P	F
A	L	L	I	G	A	T	O	R	A

# Spot the difference

## Activity 7 (Age: 5 - 7)

Spot 6 differences between the two pictures

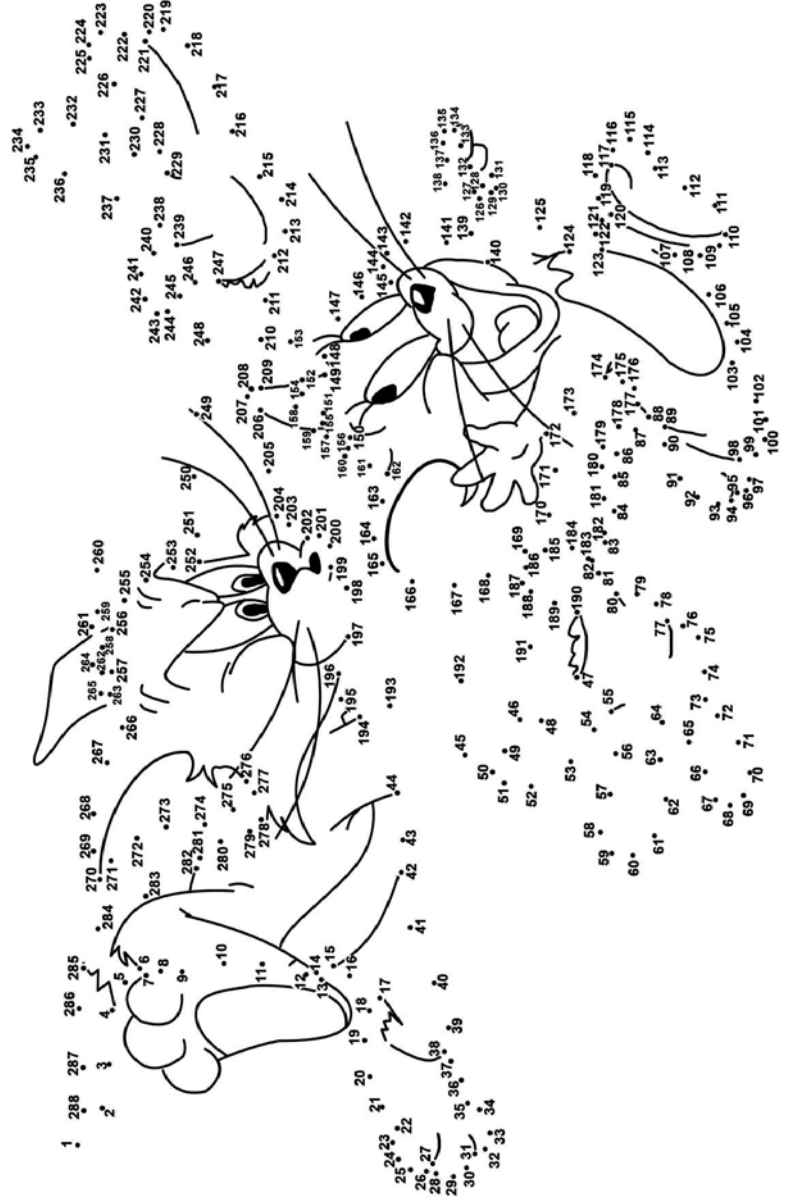




# Extreme Dot to Dot

## Activity 8 (Age: 5 - 7)

Connect the dots to find the classic characters



## Riddle Me

### Activity 9 (Age: 5 - 7)

1. Come up and we go, go down and we stay.
2. What has hands, but is not flesh, bone or blood?
3. The more there is the less you see.
4. You heard me once, you heard me again, and then I die until I am called again.
5. A box without hinges, key or lid, inside a golden treasure is hidden.
6. Thin, red within, with a nail at the end. What is it?
7. Give me food and I will live. Give me water, and I will die.
8. The more you take away, the bigger it gets.
9. Use me well and I am everybody. Scratch my back and I am nobody.



10. I can be written,  
I can be spoken, I can  
be exposed, I can be  
broken.

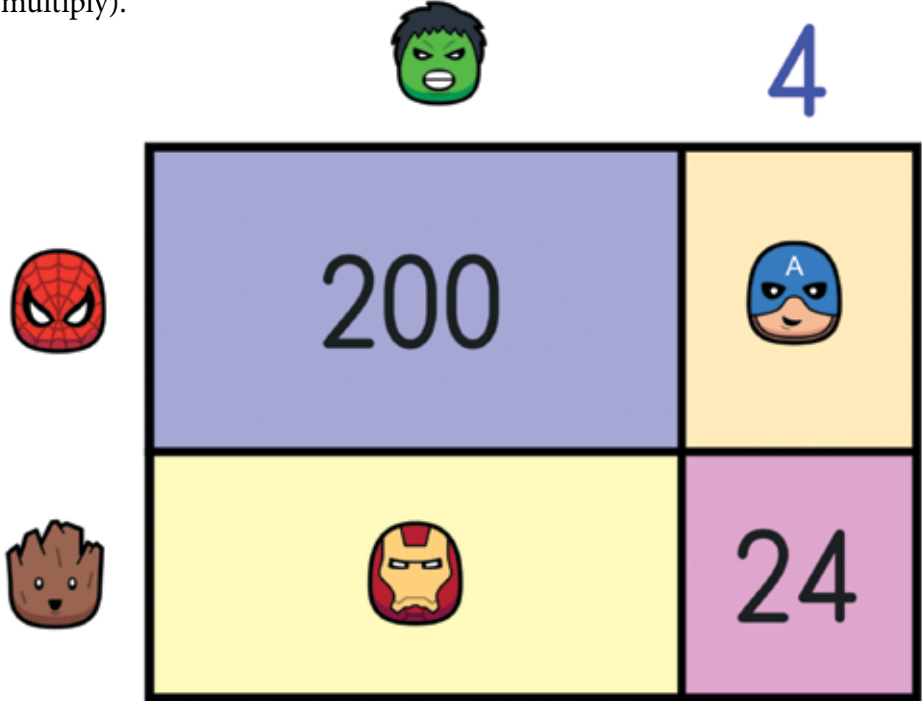
11. I run, yet I have no  
legs. What am I?

12. What goes around  
the world without  
leaving its corner?

## Super Heroes Puzzle

**Activity 10**  
(Age: 8- 10)

Find the value of each icon in the Area Model below, so that the total is equal to 384 both inside (add) and outside (multiply).

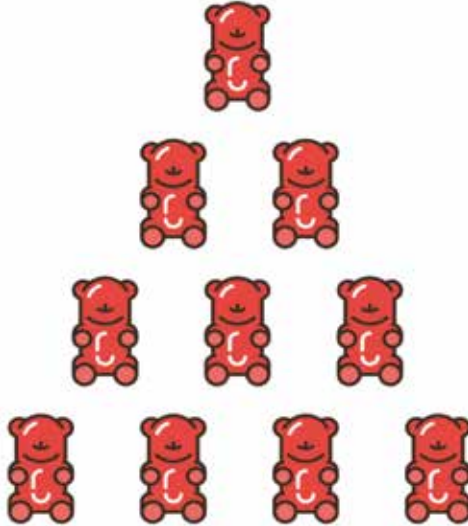


<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

## Teddy Flip

**Activity 11**  
(Age: 8 - 10)

How can you flip the gummy bear pyramid upside-down by moving only three gummy bears?



## Hidden lie

**Activity 12**  
(Age: 8 - 10)

Which of the three statements below is false? Explain how you made your choice

$$\text{Hedgehog} = 3\frac{3}{5} \quad \text{Rabbit} = 5\frac{1}{4} \quad \text{Toad} = 2\frac{1}{2}$$



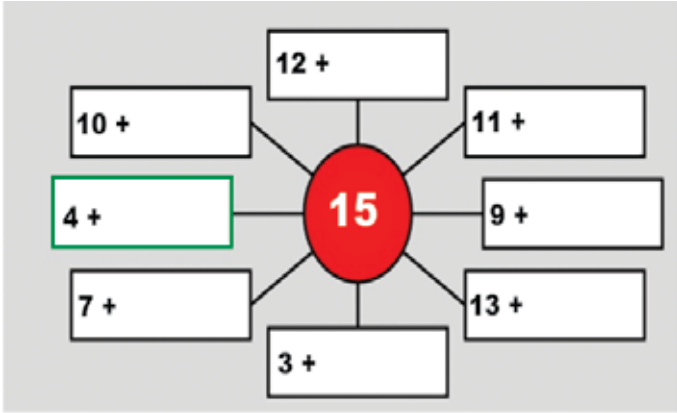
(2) + <

(3)  $7\frac{3}{4} = \text{Toad} + \text{Rabbit}$

## Spider Math

### Activity 13 (Age: 8 - 10)

Write the correct number which would sum up to the number in the circle



## Sudoku

### Activity 14 (Age: 8 - 10)

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



## Word Scramble

## Activity 15 (Age: 8 - 10)

Unscramble with the help of words in the spelling list

### Spelling List

alligator	can't	camera	planted	never	hello	every
facts	handle	January	clever	left	spelling	effort
sanding	rattle	panda	exit	fellow	extra	entertain

1. atsfrc \_\_\_\_\_
2. erenv \_\_\_\_\_
3. igdnnsa \_\_\_\_\_
4. lterat \_\_\_\_\_
5. anttreeit \_\_\_\_\_
6. lagratilo \_\_\_\_\_
7. etlf \_\_\_\_\_
8. nldahe \_\_\_\_\_
9. nat'c \_\_\_\_\_
10. napda \_\_\_\_\_
11. fotfre \_\_\_\_\_
12. rauaynJ \_\_\_\_\_
13. trxea \_\_\_\_\_
14. cmraea \_\_\_\_\_
15. folwel \_\_\_\_\_
16. ntpdale \_\_\_\_\_
17. eyvre \_\_\_\_\_
18. xiet \_\_\_\_\_
19. nplgseli \_\_\_\_\_
20. ohlel \_\_\_\_\_
21. eelcrv \_\_\_\_\_

# Just Cards

## Activity 16 (Age: 10 - 12)

Which playing card is missing from this pattern?




## Remembering History

### Activity 17 (Age: 10 - 12)

#### How much of Indian History do you know?

1. Under which Indian emperor's reign was the Jama Masjid in Delhi built?
  - a. Jehangir
  - b. Shah Jahan
  - c. Akbar
  - d. Aurangzeb
2. Who delivered his first sermon at Sarnath?
  - a. Buddha
  - b. Mahavira
  - c. Shankaracharya
  - d. None of the above
3. Which metal was first used by the Indus people?
  - a. Gold
  - b. Silver
  - c. Tin
  - d. Copper
4. Who was responsible for the integration of princely states with the Indian Union?
  - a. Jawaharlal Nehru
  - b. Rajagopalachari
  - c. Vallabhbhai Patel
  - d. Rajendra Prasad
5. An example of Chola architecture can be seen at
  - a. Kanchipuram
  - b. Mahabalipuram
  - c. Tanjore
  - d. Ellora



6. Which language was used in the literature of Sangam Period?

- a. Telugu
- b. Kannada
- c. Tamil
- d. Sanskrit

7. Zero was invented by

- a. Bhaskara
- b. Aryabhata
- c. Varahamihira
- d. None of the above

8. Swami Vivekananda's birthday is observed in India as

- a. Hindu Renaissance Day
- b. All Saints Day
- c. World Religions Day
- d. National Youth Day

9. The policy used by the British to annex kingdoms which didn't have male heirs

- a. Doctrine of Lapse
- b. Doctrine of Annexure
- c. No Heir Policy
- d. None of the above

10. Last Governor General of India

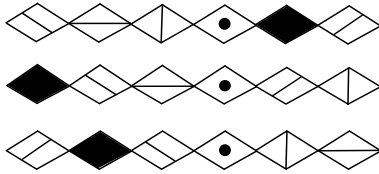
- a. R. Rajagopalachari
- b. Robert Clive
- c. Lord Mountbatten
- d. None of the above



# Logic the Magic

## Activity 18 (Age: 10 - 12)

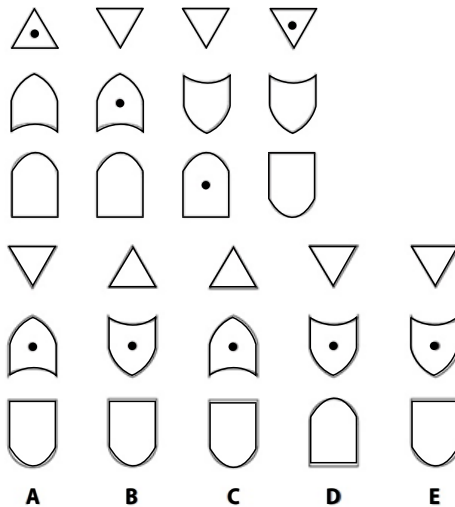
a. What comes next?



?

- A
- B
- C
- D
- E

b. What comes next in the below sequence?



## Word Find

### Activity 19

(Age: 12 - 14)

a.

Start at one of the four corner letters and spiral clockwise round the perimeter, finishing at the centre letter to spell out a nine-letter word. You must find the missing letters.

E	L	I
	F	E
	I	D

b.

Find the starting point and work from letter to adjoining letter horizontally and vertically, but not diagonally, to spell out a 12-letter word. You have to find the missing letters.

S	I	P	Y
E	A	R	
	O	R	T

c.

Start at one of the four corner letters and spiral clockwise round the perimeter, finishing at the centre letter to spell out a nine-letter word. You must find the missing letters.

E	A	D
		I
P	A	

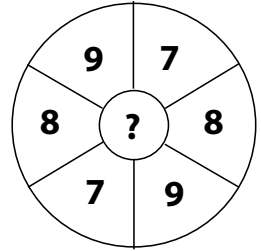
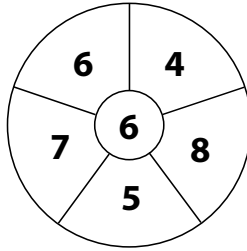
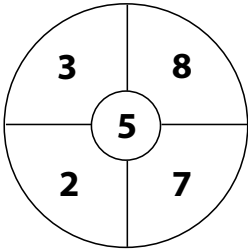
# Number Puzzle

## Activity 20

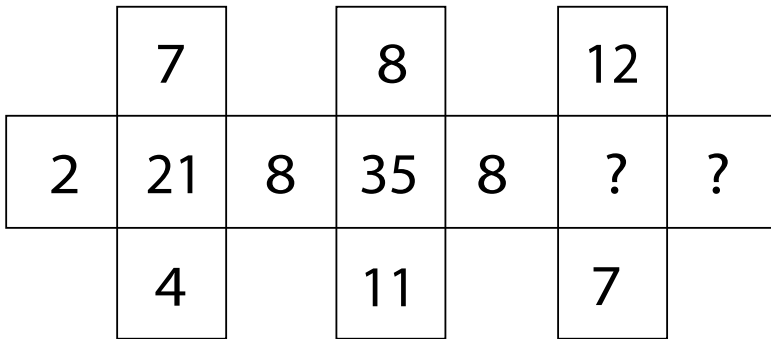
(Age: 12 - 14)

What number should replace the question mark?

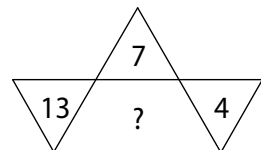
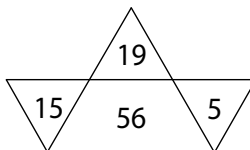
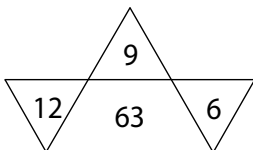
a.



b.



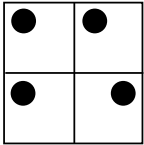
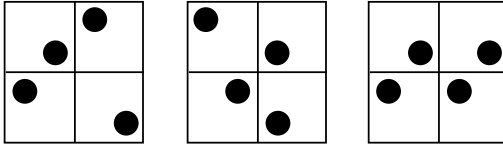
c.



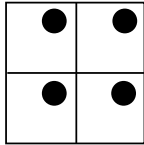
## Sequence Time

### Activity 21 (Age: 12 - 14)

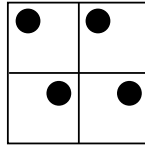
a. What comes next in the sequence?



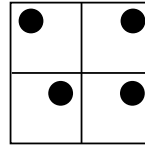
**A**



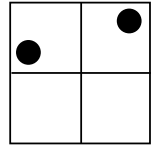
**B**



**C**

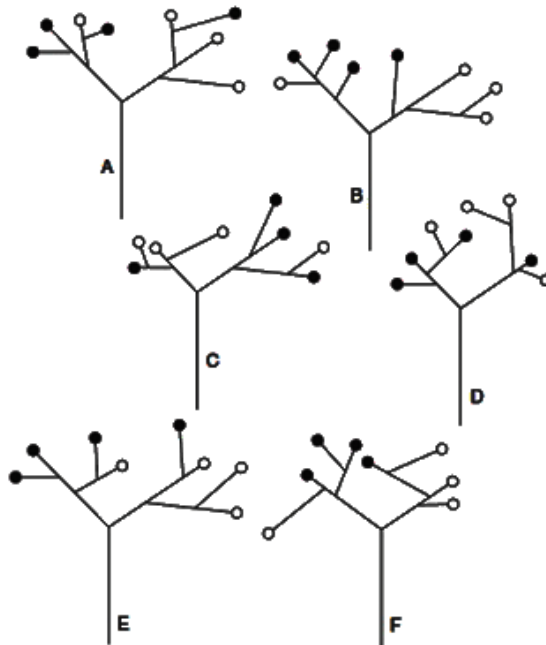


**D**



**E**

b. Pick the odd one out



## Sherlock Holmes Needed

### Activity 22

(Age: No Bar)

#### Science case

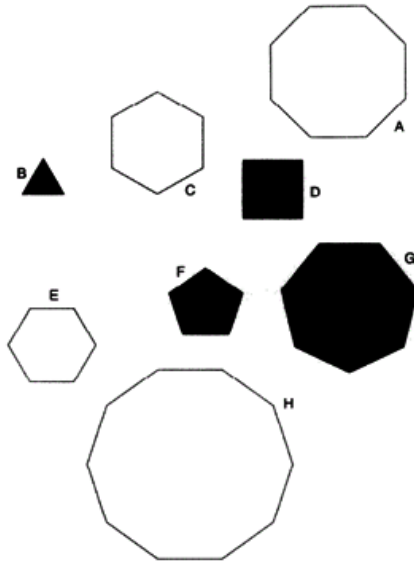
A chemist was murdered in his own lab. The only evidence was a piece of paper that had the names of chemical substances written on it. The substances were nickel, carbon, oxygen, lanthanum, and sulfur. The chemist only had four people come to his lab on the day of the murder: fellow scientist Claire, his nephew Nicolas, his wife, and his friend Marc. The police arrested the murderer right away. How did they know who it was?



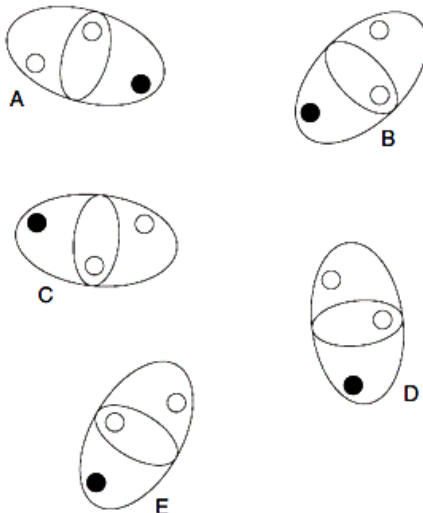
## Odd ones out

### Activity 23 (Age: No Bar)

a. Pick the odd one out

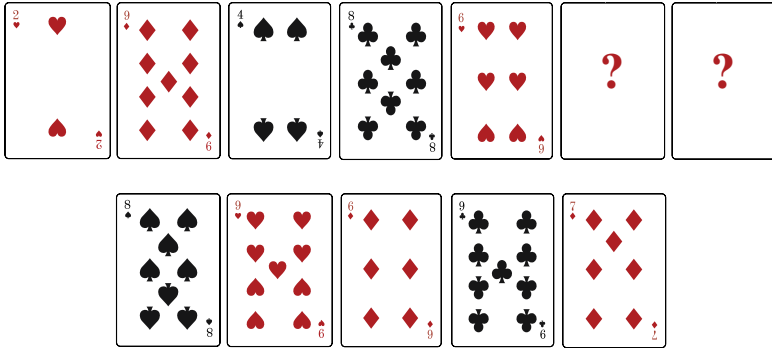


b. Which is the odd one out?

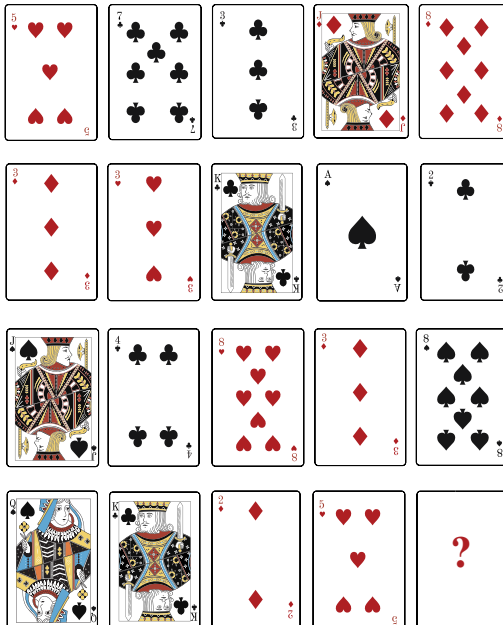


**Cards find**

a. Which two cards from the bottom row continue the sequence shown on the top?



b. Which playing card is missing from this pattern?

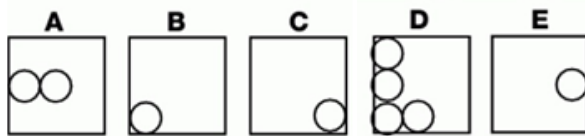
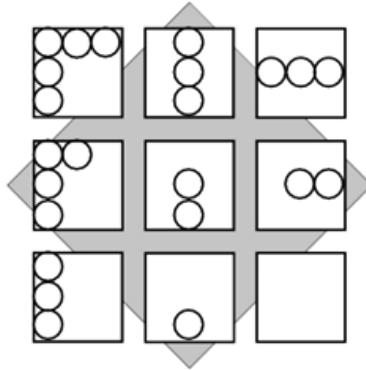




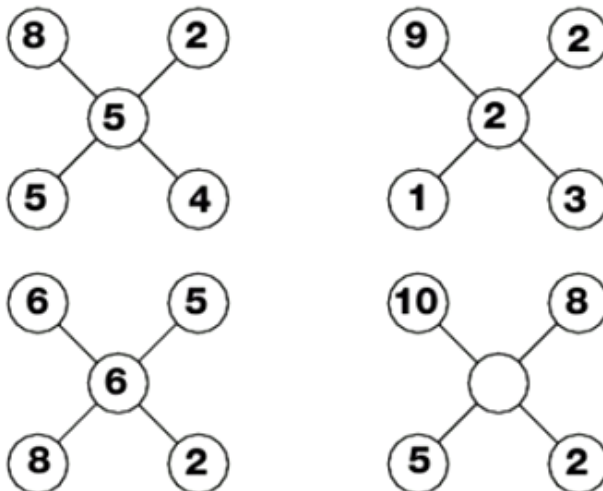
# Test Your IQ

## Activity 25 (Age: No Bar)

a. Which of the bottom boxes complete this sequence?



b. Which number is missing from the middle of the last grid?



## Quiz Time

## Activity 26 (Age: No Bar)

### ***1. The largest Indian State by area is***

- a. Maharashtra
- b. Rajasthan
- c. Andhra Pradesh
- d. Madhya Pradesh

### ***2. The world-famous Ajanta caves are situated in the State of***

- a. Orissa
- b. Karnataka
- c. Madhya Pradesh
- d. Maharashtra

### ***3. Smallest country in the world is***

- a. Vatican City
- b. Tonga
- c. Naura
- d. Monaco

### ***4. The last Mughal Emperor was***

- a. Akbar
- b. Bahadur Shah
- c. NurJehan
- d. Babur

### ***5. The system of dual citizenship exists in***

- a. India
- b. France
- c. UK
- d. USA





**6. The highest waterfall of the world is**

- a. Jog falls
- b. Ribbon
- c. Angel
- d. Gavarnie

**7. The country without income tax is**

- a. Nepal
- b. Kuwait
- c. Burma
- d. Singapore

**8. The chemical name of common salt is**

- a. Potassium Chloride
- b. Sodium Chloride
- c. Calcium Carbonate
- d. Sodium Carbonate

**9. Which one of the following is an element?**

- a. Topaz
- b. Diamond
- c. Ruby
- d. Sapphire

**10. Which one among the following radiations carries maximum energy?**

- a. Ultraviolet rays
- b. Gamma rays
- c. X- rays
- d. Infra-red rays

## Skyscraper Sudoku

**Activity 27**  
(Age: No Bar)

Place numbers in the grid such that each row, column and 3x3 box contain the numbers 1 to 9. Each number represents the height of the skyscraper in each cell. The digits outside the grid indicate the number of skyscrapers seen from the corresponding direction.

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

## Christmas Tree

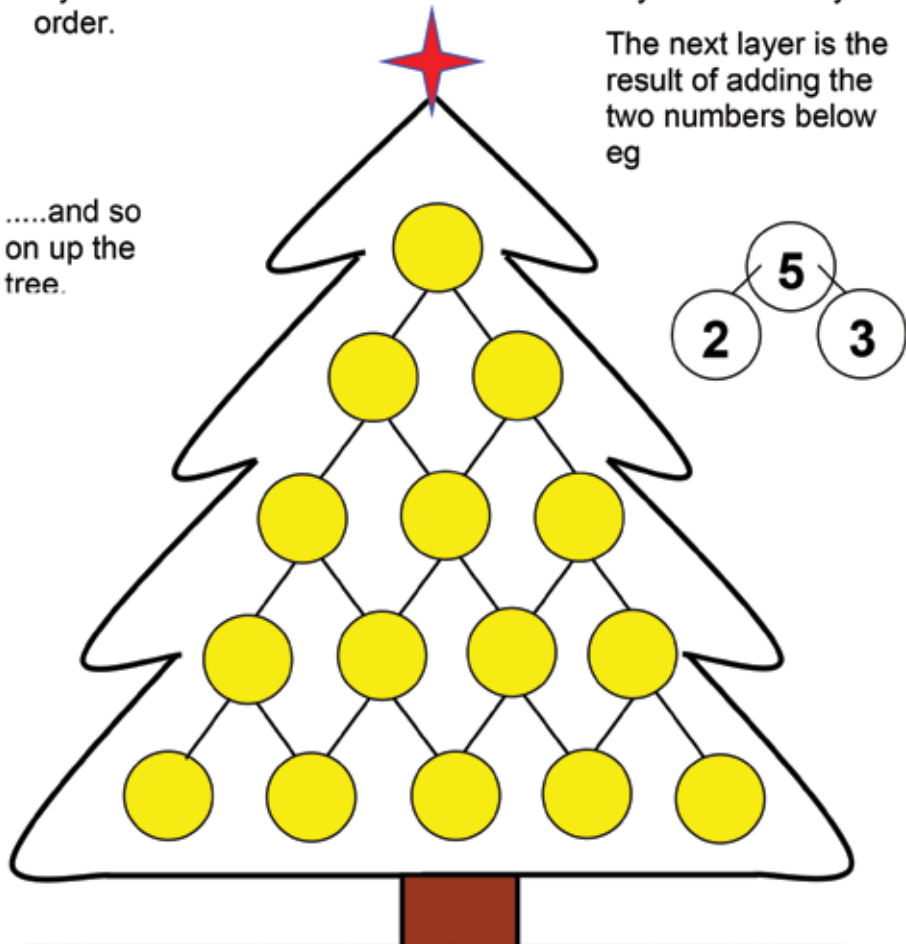
### Activity 28

(Age: No Bar)

Put the numbers **1,2,3,4,5** in the bottom layer of baubles on the Christmas tree. They can be in any order.

.....and so on up the tree.

The next layer is the result of adding the two numbers below eg



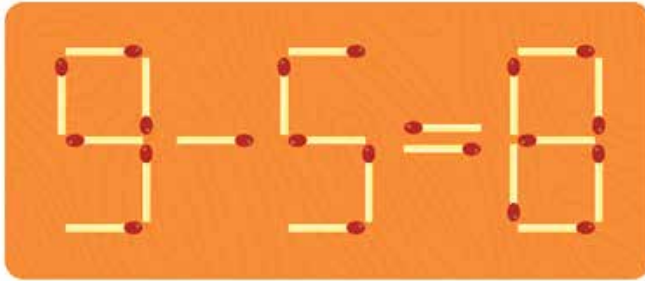
What order on the bottom line will give the highest possible total at the top?

Clue: There is more than one possible way.

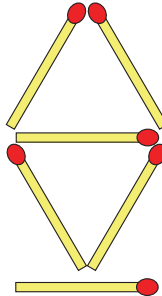
## Tricky Matchsticks

**Activity 29**  
(Age: No Bar)

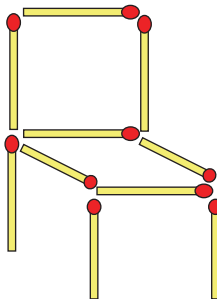
a. Move one match to fix the equation



b. Move 3 matchsticks to form 8 triangles



c. Move 2 matchsticks and make the chair face to the left

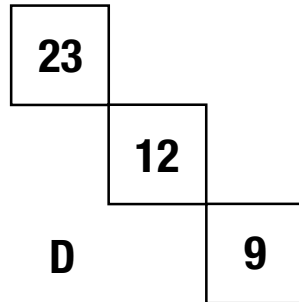
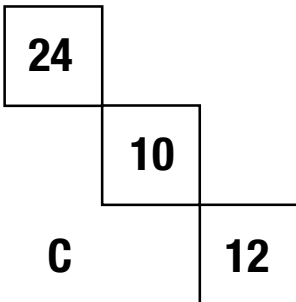
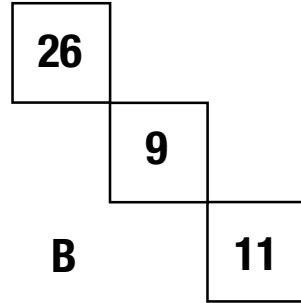
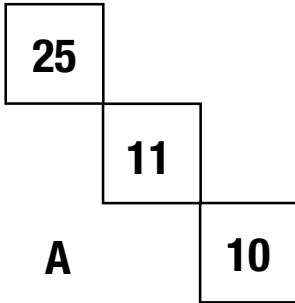


## Missing Section

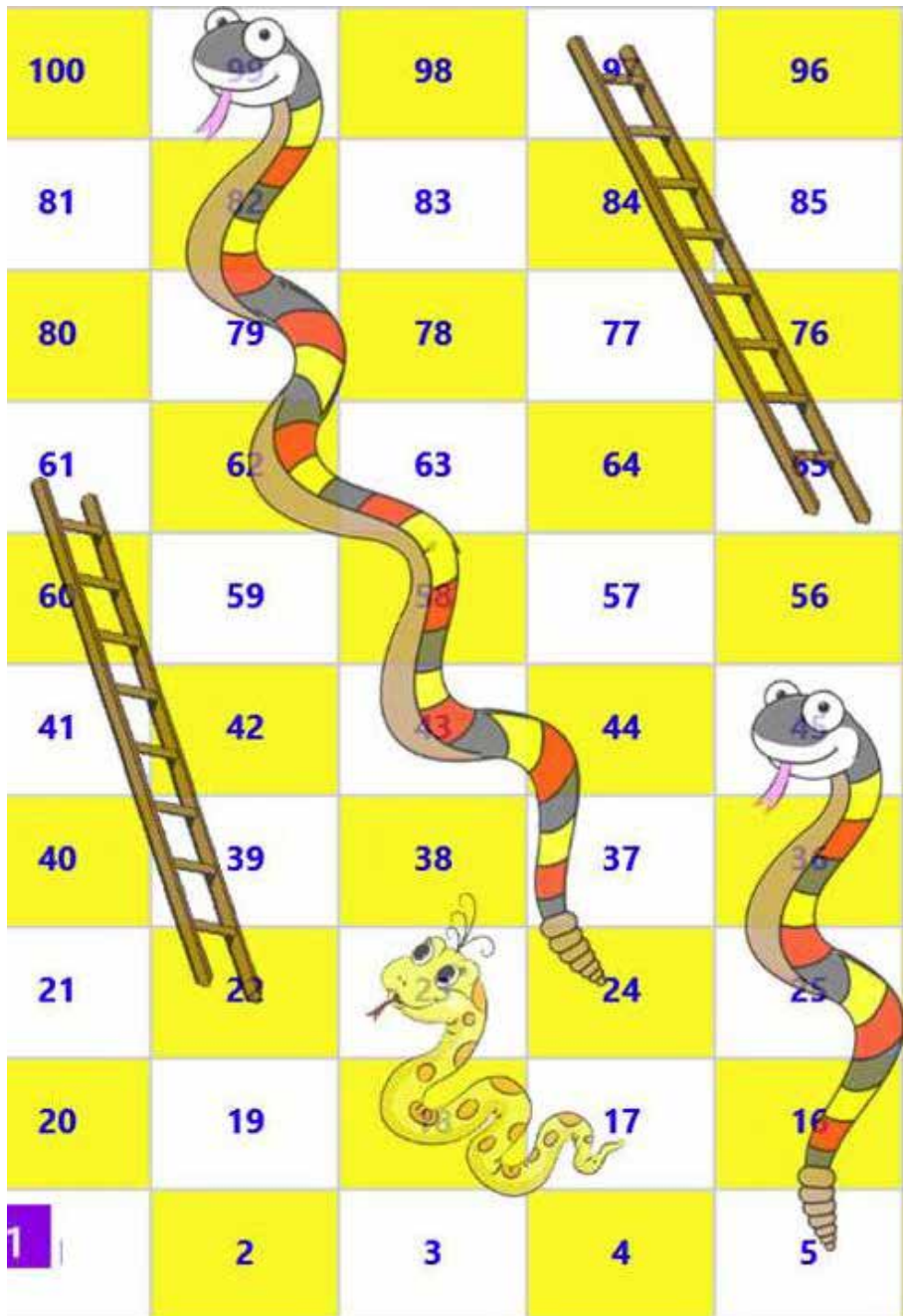
### Activity 30 (Age: No Bar)

Find the missing section

20	19	18	17	16
31	28	?	22	19
26	21	16	?	6
26	22	18	14	?

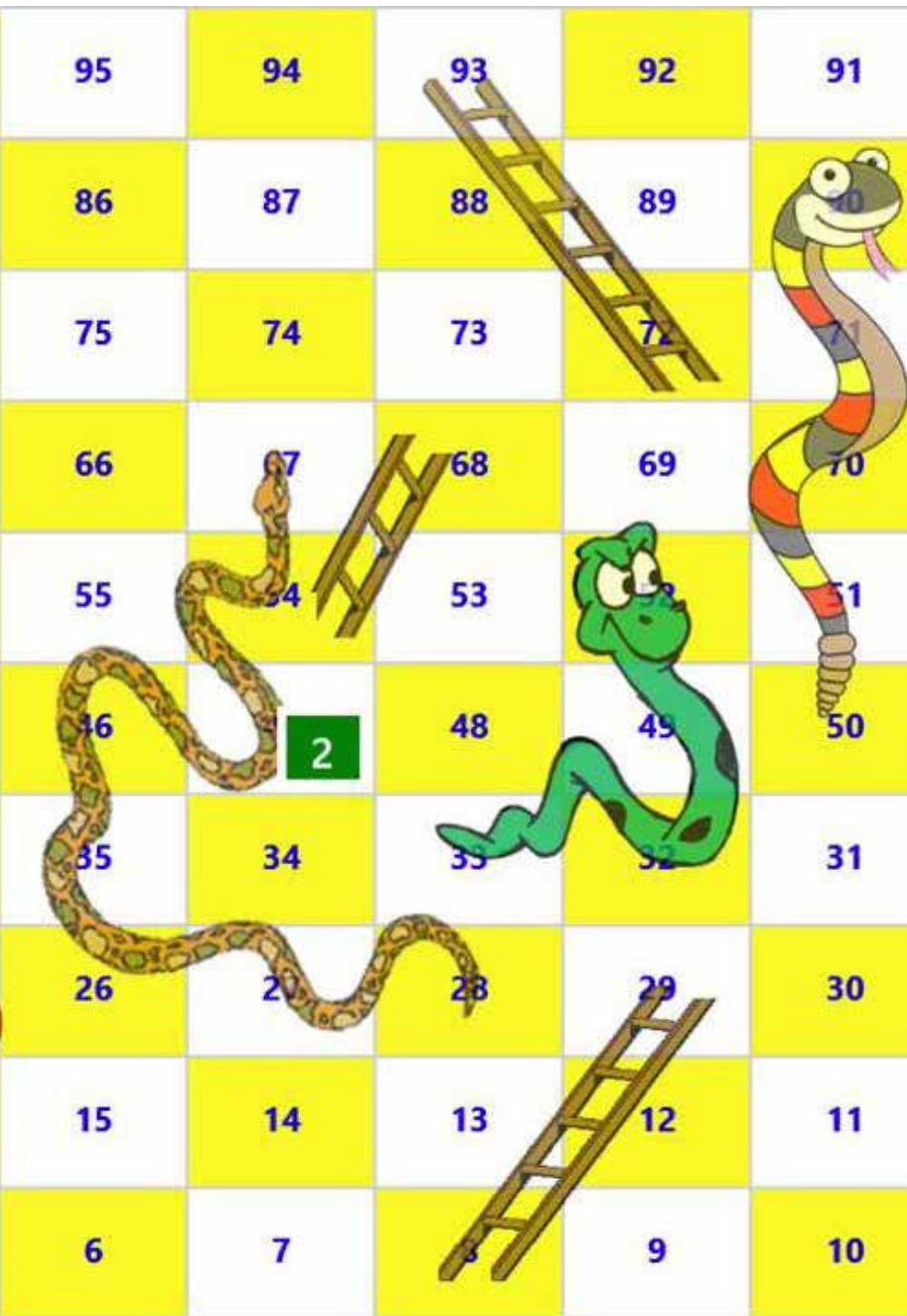


# Snakes and Ladders game



This game is fun for all ages – so let’s put away our mobile phones and laptops and indulge with family.



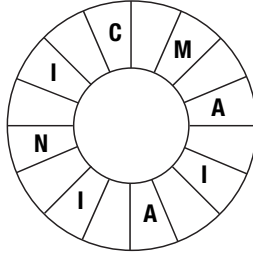


All you need is a dice. The winner is the first one to reach 100 steps.

## Use your Logic

### Activity 31 (Age: No Bar)

- a. Read clockwise to find a 16-letter word. Only alternate letters have been shown, and you have to find the starting point.



- b. Spiral clockwise round the perimeter and finish at the center square to spell out a nine-letter word. You must find the starting point and provide the missing letters.

	T	I
E		M
T	N	O

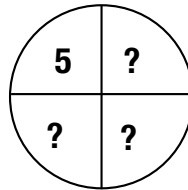
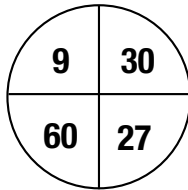
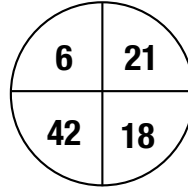
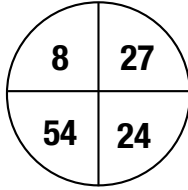
- c. Find the starting point and work from letter to adjacent letter vertically, horizontally and diagonally to spell out a 17-letter phrase (2, 7, 8).

R	I	N		
T	O	G		
N	S	A	S	D
		A	T	E
		T	C	H

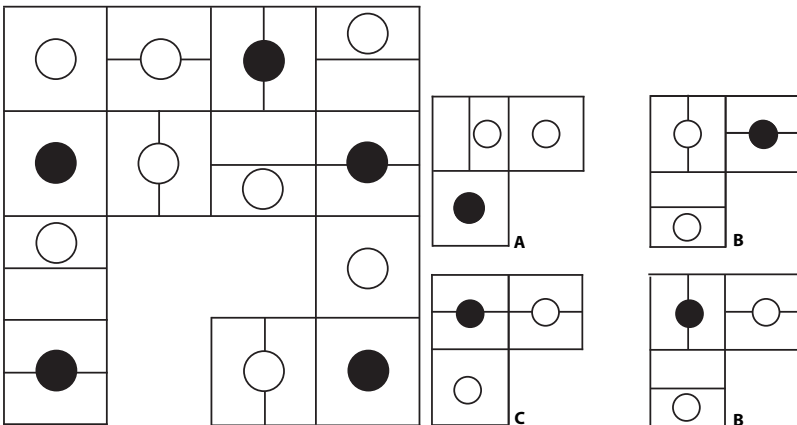
## Missing number sequence

### Activity 32 (Age: No Bar)

a. What numbers should replace the question marks?



b. Which is the missing section?





# Cryptogram

## Activity 33 (Age: No Bar)

At the top there is a key that lists all the letters from A to Z with a box below. Each of the letters has a corresponding number. The bottom part contains a secret phrase. Each of the blanks has a number underneath it. Fill in the letters that corresponds to the numbers below the blanks to solve the phrase.

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
7				20				5						19						15					

\_ \_ E    \_ A \_ \_ A \_    \_ \_ O U \_    \_ \_ E \_ E  
 21 2 20    22 7 25 13 7 18    8 18 19 15 10    12 2 20 18 20

I \_ \_ E \_ \_ I \_ \_    \_ E E \_ \_    E \_ \_ E \_ \_ E \_ \_ E  
 5 25 21 20 8 18 5 21 14    13 20 20 21 22    20 1 9 20 6 6 20 25 9 20

Clue: It concerns our workplace

## Solve the mysteries

### Activity 34 (Age: No Bar)

#### a. Hidden in a Lake



Dr. Miller was staying with his cousin, Alfred, in Alfred's lakeside cabin. They were setting up Alfred's will. Since Dr. Miller was Alfred's closest living relative, much of Alfred's estate was being left to him. One day, Alfred went to Dr. Miller very upset. "Doctor," he began, "I have just found out that an old enemy is out to get me. He is coming very soon. Where will I go? Where can I hide? If he finds me, he will surely kill me. I do not have time to leave this cabin and hide in the woods." Dr. Miller thought for a moment, and then grabbed a 5' long bamboo fishing pole, with a diameter the size of a quarter. "Alfred, follow me out to the lake. This lake is 4' deep. If you lie on the bottom of the lake and breathe through this pole, your enemy will never find you. I will be in the bulrushes with a shotgun, and I will shoot him when he comes. I will swim down to find you when he is gone." Alfred thought that was a great idea and went down to the lake with the bamboo pole in his mouth. A few hours later, a ranger passed by. He found Alfred's body. Dr. Miller told the police of the circumstance, and that Alfred had probably panicked, and died. Police arrested Dr. Miller on the charge of murdering Alfred. Why?

#### b. The Rescue of the Beautiful Rose

Once there was an evil wizard. He took three women from their homes and turned them into rose bushes that looked exactly alike and put them in his garden. One of the women had a husband and children and begged the wizard to let her see them. He agreed. At night he brought the woman to her house. In the morning he came and took her home. The husband decided to go rescue her. So, he snuck into the wizard's garden early in the morning. He stared long and hard at the three identical rose bushes trying to figure out which could be his wife. Suddenly he knew the answer and he took his wife home. How did he know which rose bush was his wife?



# Spot the differences

## Activity 35 (Age: No Bar)

Spot 6 differences between the pictures



**Odd one out**

**Activity 36**  
*(Age: No Bar)*

a. Which number is the odd one out?

**84129, 32418, 47632, 36119, 67626, 72927**

b. Which number is the odd one out?

**571219**

**461016**

**831114**

**971613**

**781523**

c. Which set of letters is the odd one out?

**ADE**

**ILM**

**RUV**

**EHI**

**VYZ**

**JLM**

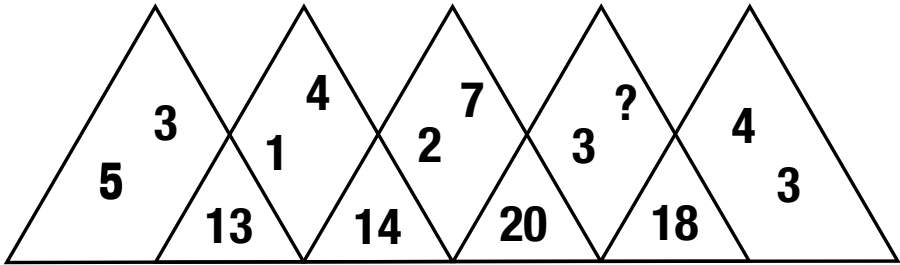
**FIJ**

## Tricky puzzles

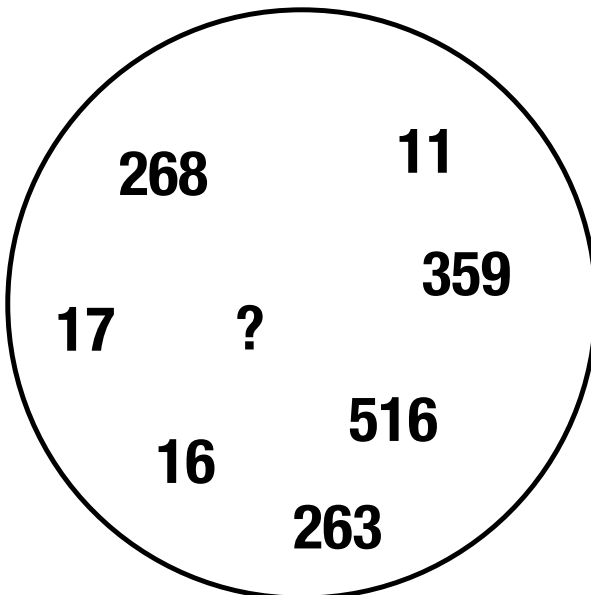
### Activity 37 (Age: No Bar)

Find the number that can replace the question mark?

a.



b.



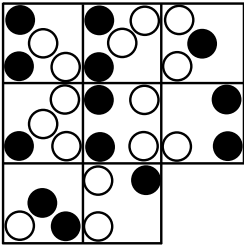


# Sequence it

## Activity 38 (Age: No Bar)

Find the missing sequence title

a.



**A**



**B**



**C**



**D**



**E**



**F**

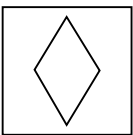
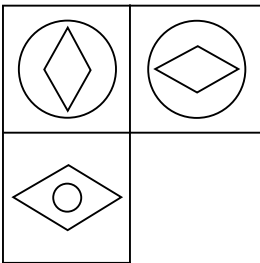


**G**

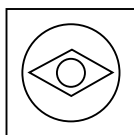


**H**

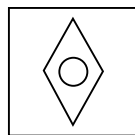
b.



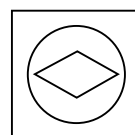
**A**



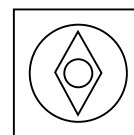
**B**



**C**



**D**

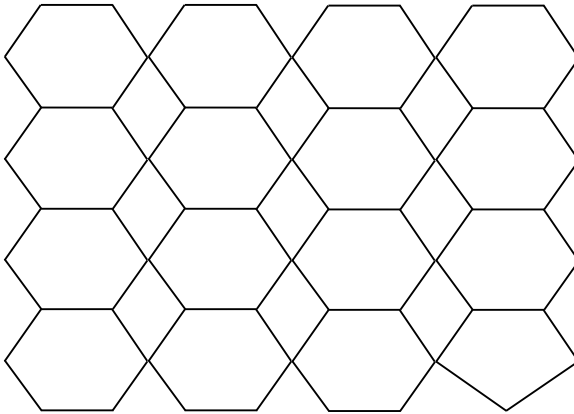


**E**

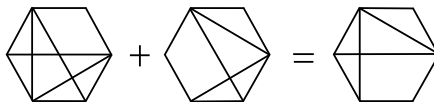
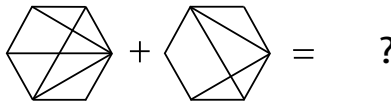
## Hexagon trouble

### Activity 39 (Age: No Bar)

a. How many hexagon (six sided figures) can you find here?



b. Which hexagon below should replace the question mark?



A

B

C

D

**Get wordy**

**Activity 40**  
(Age: No Bar)

a. What word can be placed in the brackets so that it forms another word or phrase when tacked on to the end of the first word, and another word or phrase when placed in front of the second word?

**Man (     )Red**

b. Which two days are missing?

**SUNDAY**

**TUESDAY**

**FRIDAY**

**?**

**WEDNESDAY**

**FRIDAY**

**?**

**WEDNESDAY**

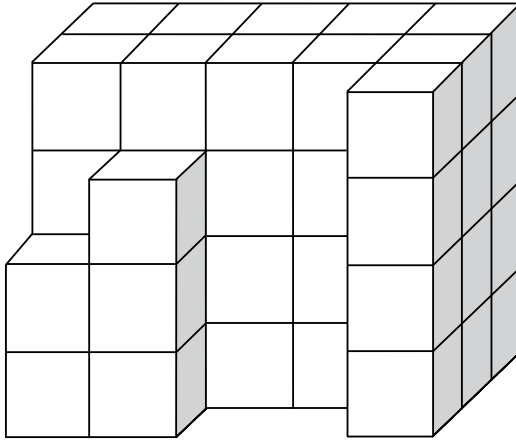
**SATURDAY**

**MONDAY**

## Cube project

### Activity 41 (Age: No Bar)

The stack of cubes below is the beginning of a  $5 \times 4 \times 3$  configuration (60 cubes total). How many more cubes have to be added to complete the project?

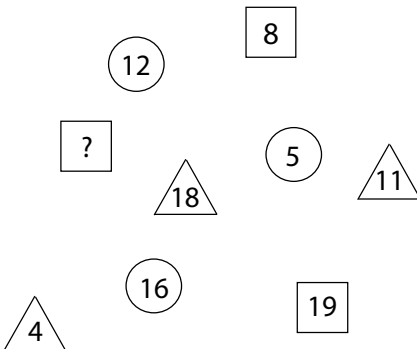


## Find if you can

### Activity 42 (Age: No Bar)

What number should replace the question mark?

a.



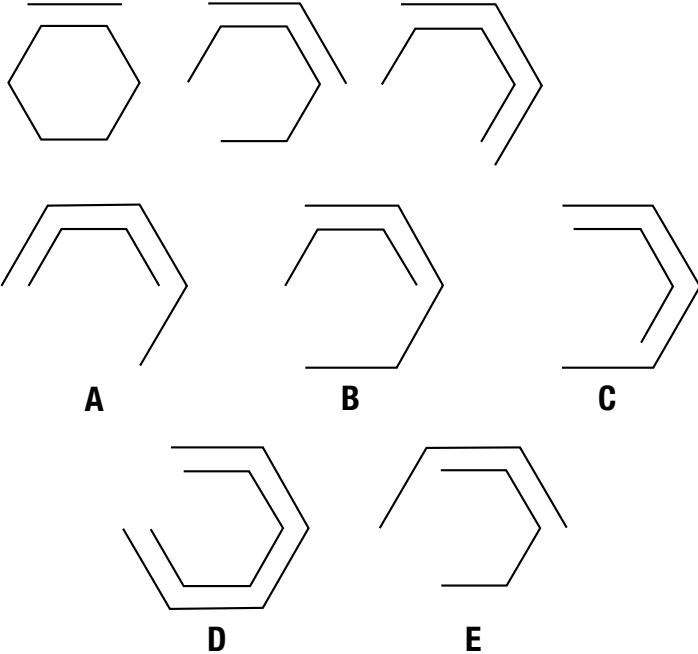
b.

<b>1</b>	<b>10</b>	<b>7</b>	<b>16</b>
<b>28</b>	<b>19</b>	<b>22</b>	<b>13</b>
<b>25</b>	<b>34</b>	<b>31</b>	<b>40</b>
<b>?</b>	<b>43</b>	<b>46</b>	<b>37</b>

**What next**

**Activity 43**  
(Age: No Bar)

What comes next?





## Riddle time

### Activity 44

(Age: No Bar)

1. I am taken from a mine, and shut up in a wooden case, from which I am never released, and yet I am used by almost everybody. What am I?
2. Turn me on my side and I am everything. Cut me in half and I am nothing. What am I?
3. No matter how little or how much you use me, you change me every month. What am I?
4. What has cities, but no houses; forests, but no trees; and water, but no fish?
5. A red house is made from red bricks. A blue house is made from blue bricks. A yellow house is made from yellow bricks. What is a green-house made from?
6. There is a word in the English language in which the first two letters signify a male, the first three letters signify a female, the first four signify a great man, and the whole word, a great woman. What is the word?
7. What is harder to catch the faster you run?
8. First, I am dried, then I am wet. The longer I swim, the more taste you get. What am I?
9. Lovely and round, I shine with pale light, grown in the darkness, a lady's delight. What am I?
10. I have a big mouth and I am also quite loud! I am NOT a gossip but I do get involved with everyone's dirty business. What am I?

Vacation Word Scramble



LTIHGF

○ □ □ □ □ □

ELMTO

□ □ □ □ □

TAVAINOC

□ □ □ □ □ ○ □ □

ALERX

□ □ □ □ □

PRANALEI

□ □ □ □ □ □ ○ □

CTKITE

□ □ □ □ □ □

VREALT

□ □ □ □ □ ○

RAPRITO

□ □ □ □ □ □ □

SOPTRAPS

□ ○ □ □ □ □ □ □ □

HLEOT

□ □ □ □ □

DWOINW

□ □ ○ □ □ □

LAYODIH

□ □ □ □ □ ○ □ □



Where do sharks go on vacation?

○ ○ ○ ○ ○ ○ ○



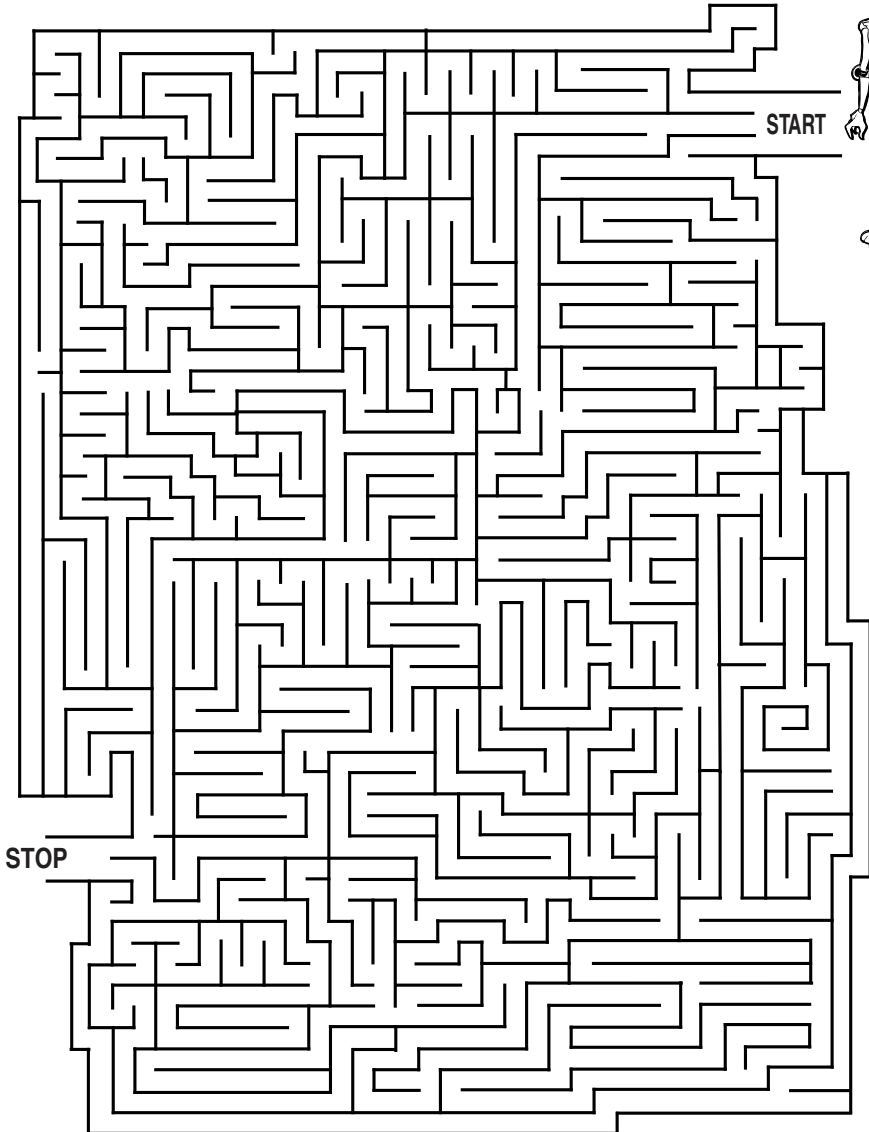




## Robot maze

### Activity 47 (Age: No Bar)

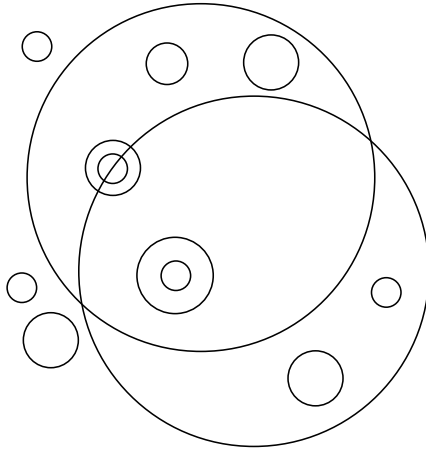
Help the Robot through the maze



# Ring-a-Ring-a

**Activity 48**  
(Age: No Bar)

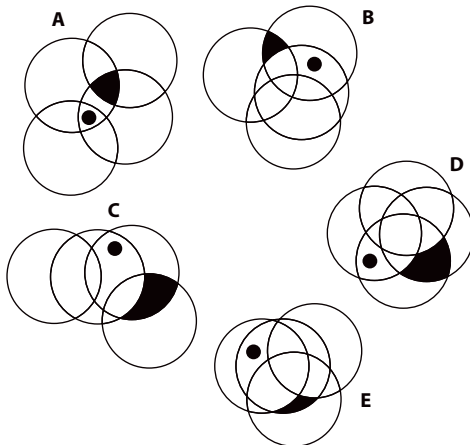
How many different sized circles appear below?



# Odd one out

**Activity 49**  
(Age: No Bar)

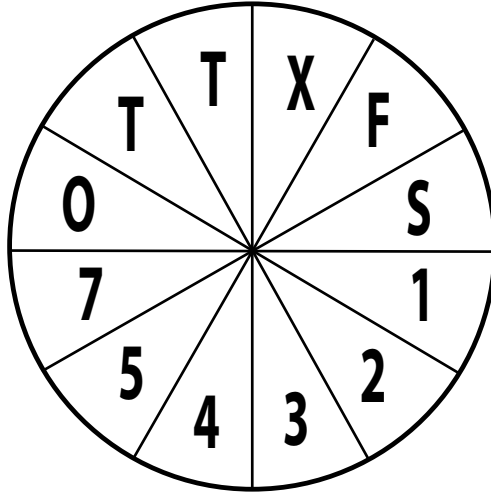
Find the odd one out?



## Logical reasoning

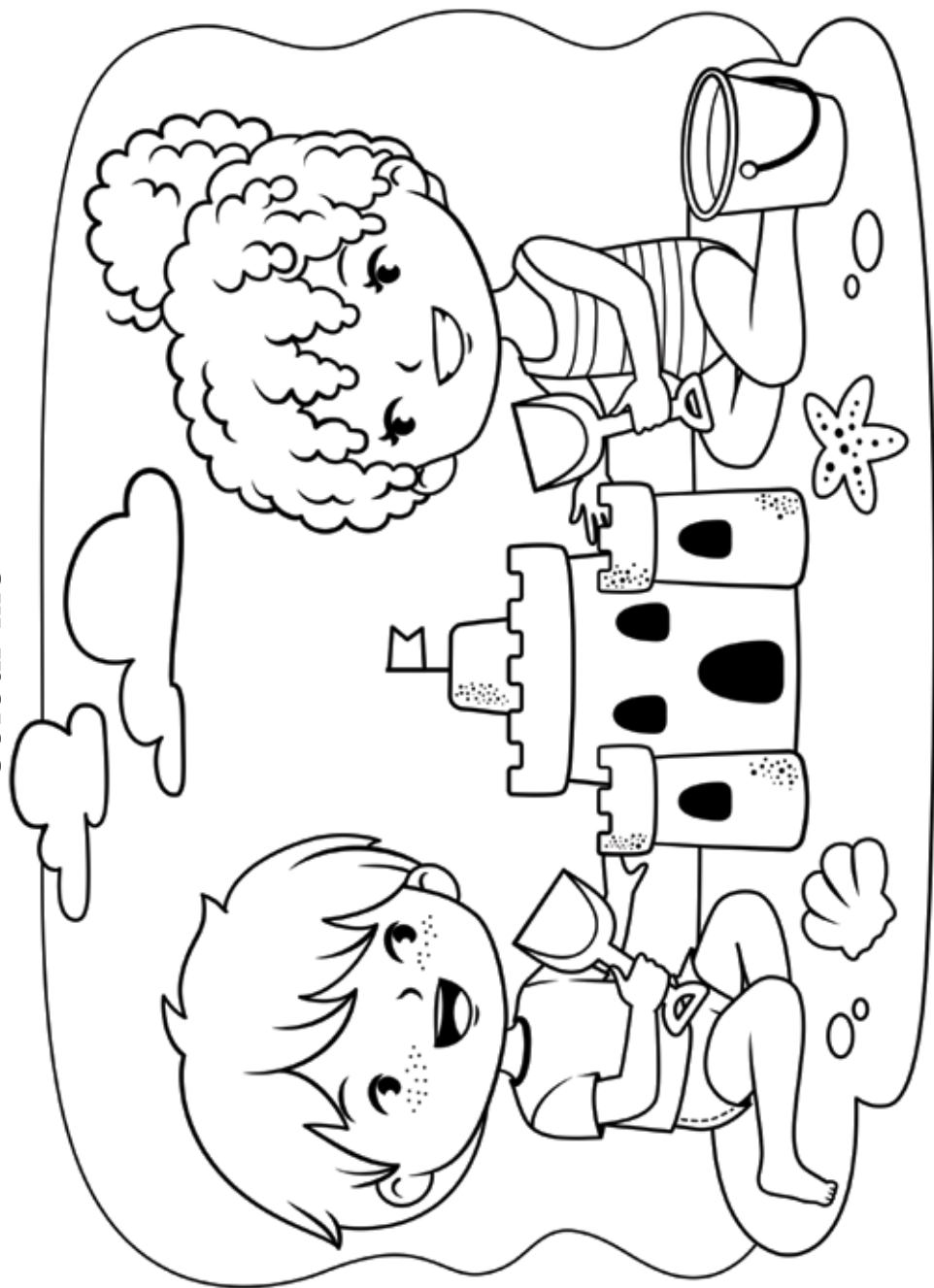
### Activity 50 (Age: No Bar)

a. What is X?

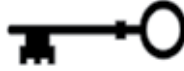


b. Which letter completes the puzzles?





### Activity 1



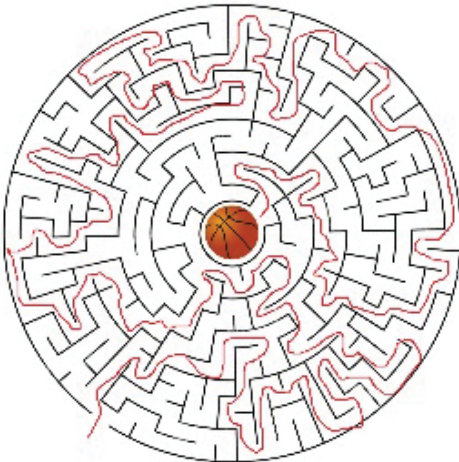
### Activity 3

1. Elephant, 2. Fox, 3. Giraffe,
4. Bear, 5. Lion, 6. Raccoon 7.
- Monkey, 8. Dog, 9. Zebra

### Activity 4

- Lime Candy = 1
- Fish Candy = 5
- Swirly Pop = 25
- Jelly Beans = 15
- ? = 10

### Activity 5



### Activity 6

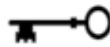


### Activity 7

1. Two children are trying to get on the swing at the same time.
2. A child is pulling another child's leg while he is on the monkey bar.
3. A child is throwing sand at anyone who tries to enter the sandbox.
4. The monkey bar is missing two rods.
5. A red swing seat has turned blue.
6. The shovel in the sand box is missing.

### Activity 9

1. Anchor
2. Clock
3. Darkness
4. Echo
5. Egg
6. Finger
7. Fire
8. Hole
9. Mirror
10. News
11. Nose
12. Stamp



### Activity 10

Hulk = 20

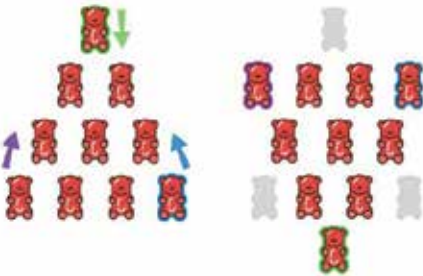
Spiderman = 10

Capt. America = 40

Groot = 6

Iron Man = 120

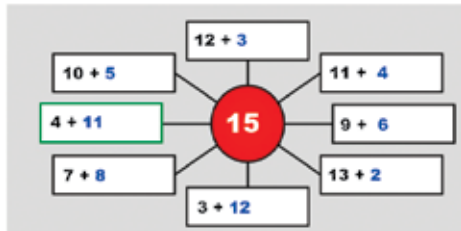
### Activity 11



### Activity 12

Statement 2 is a lie

### Activity 13



### Activity 14

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

### Activity 15

1. Facts, 2. Never, 3. Sanding,
4. Rattle, 5. Entertain, 6. Alligator,
7. Left, 8. Handle, 9. Can't,
10. Panda, 11. Effort, 12. January,
13. Extra, 14. Camera, 15. Fellow,
16. Planted, 17. Every, 18. Exit,
19. Spelling, 20. Hello, 21. Clever

### Activity 16

#### Ace of Spades.

In each row the value of the right hand card equals the difference between the sums of the red cards and black cards to the left. There is always 1 card of each suit on every row.

### Activity 17

- 1.b, 2. a, 3. b, 4. c, 5. c, 6. c, 7. b,
8. d, 9. a, 10. a

### Activity 18

a.

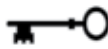
**D** The diamond next to the end always moves to the front and the diamond third from the front always moves to the end.

b.

**B** At each stage the dot moves down one. After it has appeared in a figure, that figure becomes inverted.

### Activity 19

- DISBELIEF
- PRAISEWORTHY
- DISAPPEAR



### Activity 20

a. 8. The number in the middle is the average of the numbers outside the smaller circle. So,  $7+8+9+7+8+9 = 48$ , and  $48/6 = 8$ .

b. **31** and **4**.

$$8 + 12 + 7 + 4 = 31.$$

c. **45**.  $13 \times 4 = 52 - 7 = 45$ .

### Activity 21

a. **D** Looking across, the dot in the top left quarter moves to the opposite corner, the dot in the top right quarter moves one corner anti clockwise at each stage, the dot in the bottom left quarter moves between the top two corners, and the dot in the bottom right quarter moves one corner clockwise at each stage.

b. **C**

It has three white and one black on the left and three black and one white on the right. The rest are the opposite way round.

### Activity 22

There was a very obvious clue on the piece of paper. If you combine the abbreviations of the chemical substances on the paper, you'll get a name: Ni-C-O-La-S.

### Activity 23

a. **D** In all the others a figure with an odd number of sides is black and a figure with an even number of sides is white.

b. **E** The rest are the same figure rotated.

### Activity 24

a. **Seven of Diamonds & Eight of Spades** The cards are arranged alternately in two sequences, one increases in steps of two, the other decreases by one. The suit follows the order Hearts, Diamonds, Spades and Clubs.

b. **Five of Clubs**. In rows, add together the values of the first four cards to get a 2-digit number. Add these together to give the value of the right-hand card. The suit of this card is the same as the card to the left with the highest value.

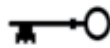
### Activity 25

a. **E** Working in columns, top to bottom, one spot is removed in sequence at each step.

b. **2** In each segment divide the top left by bottom right, add bottom left and subtract top right to get the answer in the middle.

### Activity 26

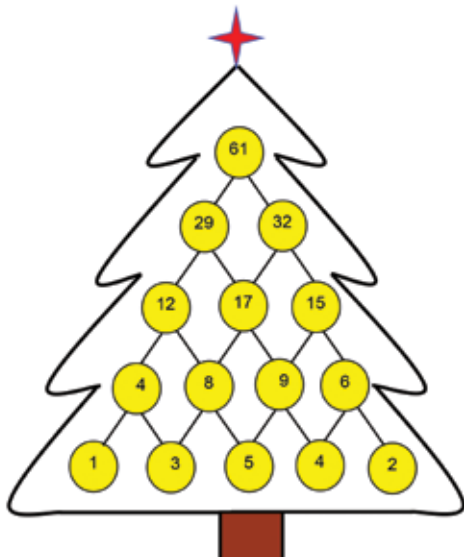
1. b, 2. d, 3. a, 4. b, 5. d, 6. c, 7. b, 8. b, 9. b, 10. b



### Activity 27

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

### Activity 28

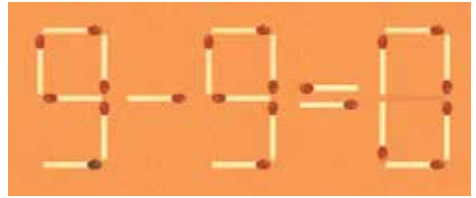


To get the highest possible total at the top you need to put the numbers in this way,

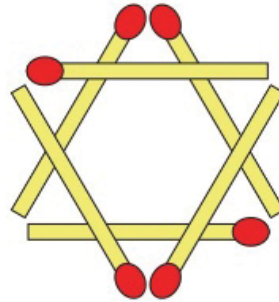
1 and 2 at the ends and 5 in the middle. There are several ways of doing this, including the one shown above.

### Activity 29

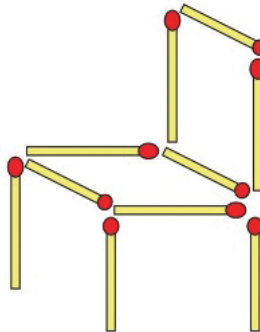
a.



b. Add 3 matchsticks to form 8 triangles



c.

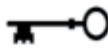


### Activity 30

A

Lines across progress, in turn, -1, -3, -5, -4.



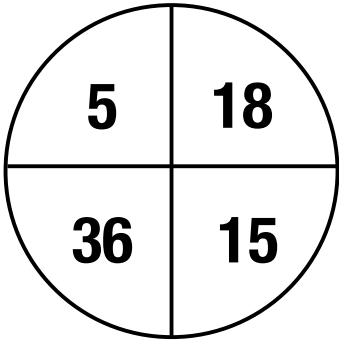


### Activity 31

- a. CIRCUMNAVIGATION
- b. TESTIMONY
- c. NO STRINGS ATTACHED

### Activity 32

a.



Top left is a third of bottom right, bottom right is three less than top right and top right is half of bottom left.

b. **D**, The last two rows of figures repeat the first rows of figures in reverse.

### Activity 34

a.

The pole was 5' long, but in diameter only the size of a quarter. The first time he breathed in, he breathed oxygen. When he exhaled, the air could not travel 5' before he breathed in again. He was just breathing what he exhaled. Before long, all he was breathing was carbon dioxide. He died of CO<sub>2</sub> poisoning. Dr. Miller was the one who told him to use the pole. However, he was knowledgeable about the human body and knew breathing only carbon dioxide would result in Alfred's death. His motive? The money in Alfred's will.

b.

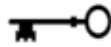
The wizard brought the rosebush that was his wife to her home at night and returned her to the garden in the morning. Therefore, she was the only plant without dew.

### Activity 33

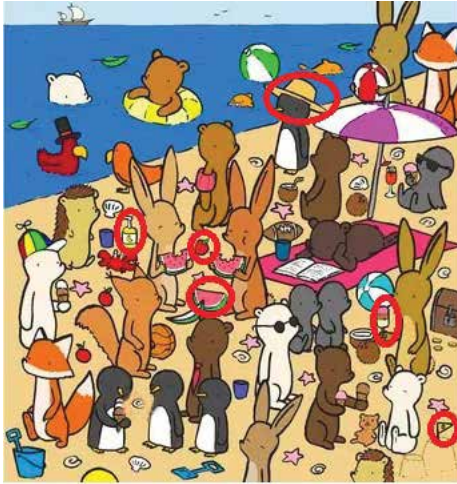
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
7	16	9	24	20	11	8	2	5	17	3	6	13	25	19	10	26	18	22	21	15	4	12	1	14	23

T H E      S A N M A R      G R O U P      W H E R E  
 21 2 20      22 7 25 13 7 18      8 18 19 15 10      12 2 20 18 20

I N T E G R I T Y      M E E T S      E X C E L L E N C E  
 5 25 21 20 8 18 5 21 14      13 20 20 21 22      20 1 9 20 6 6 20 25 9 20



### Activity 35



### Activity 36

a. 47632 - All the others are three-digit numbers followed by their square root, e.g. 361 followed by its square root, 19.

b. 971613 - Numbers are obtained by adding pairs of digits, i.e. with 571219:  $5 + 7 = 12$ ;  $7 + 12 = 19$ . To follow this same pattern 971613 would have to be 971623.

c. JLM - In all the others there are two spaces in the alphabet between the first two letters and no space between the last two, e.g. AbcDE.

### Activity 37

a. 8. Each number in the segment at the bottom is the sum of the four numbers in the sections either side. Thus:  $8 + 3 + 4 + 3 = 18$ .

b. 12. Add the digits of each three figures number to obtain the two-digit numbers.

### Activity 38

a. B, Looking across and down, only dots that appear in the same position in the first two squares are carried forward to the third square, however, they then change from black to white and vice versa.

b. C, Looking across and down the triangles turn through  $90^\circ$

### Activity 39

a. 21- There are 15 small hexagons and 6 large ones. The last shape in the bottom row is a pentagon.

b. D - Lines are carried forward from the first two squares to the third square, except when two lines appear in the same position in the first two squares, in which case they are cancelled out.

### Activity 40

a. Kind

b. SUNDAY, MONDAY - The sequence progresses miss one day and then miss two days alternately.

### Activity 41

11

### Activity 42

a. **6** So that the numbers in the triangles, squares and circles add up to 33.

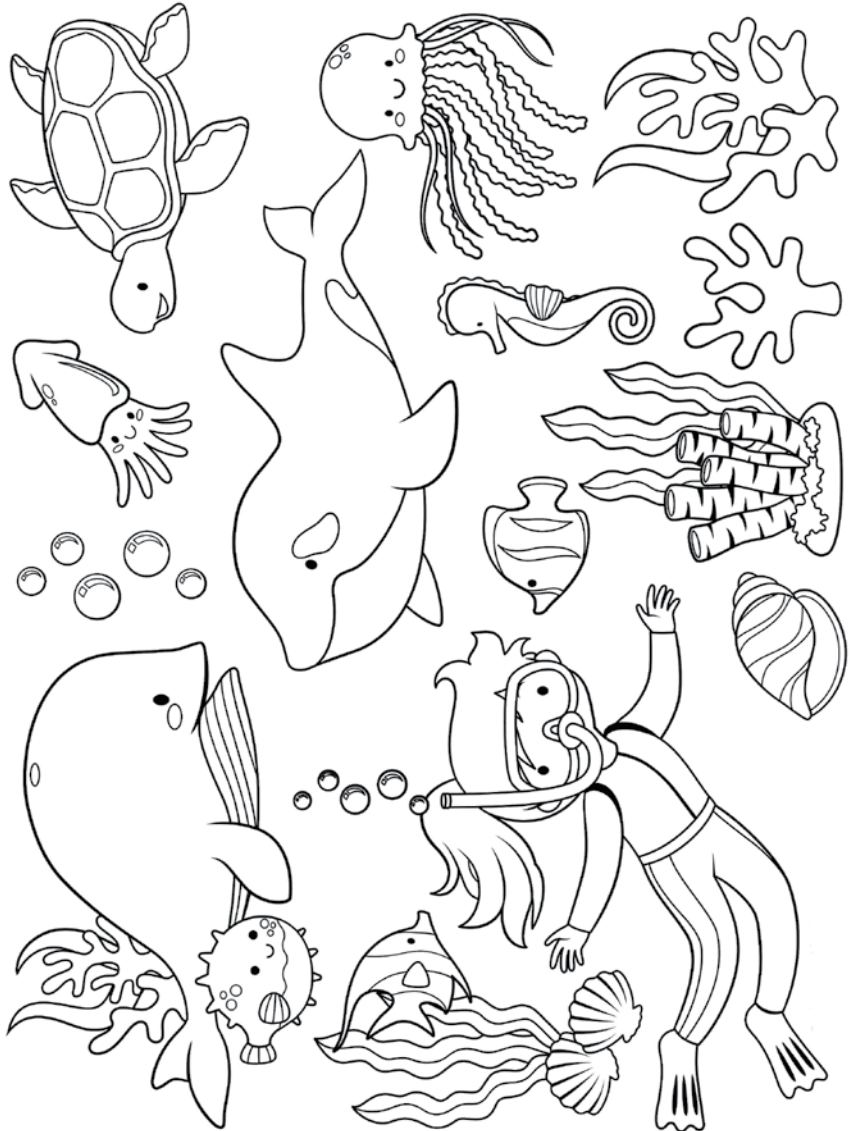
b. **52**, total of each vertical line should add upto 106.



# Contest 1

## Colouring

Colour using Crayons/colour pencils only (Age 5-10).  
Contest open only for children of employees. Entries to reach location HR on or before 20 June, 2023.



## Contest 2

### Sketch your Toon

*Sketch a pencil shading of your favourite cartoon character/ Anime. Age group 10-15. Contest open only for children of employees. Entries to reach location HR on or before 20 June 2023.*



## Contest 3

# Pinch of our tradition

*Kolam competition, open to spouses of employees.*



### Rules

1. 2 photos to be submitted,
  - a. the participant drawing the Kolam,
  - b. the completed kolam
2. Only traditional kolams
3. It should be an individual effort
4. Judging will be based on the following criteria: Creativity & Originality (40%), Colour Combination (40%), Presentation (20%).
5. Kolam must be drawn using hand; no machine or mould to be used
6. Some suggested traditional kolams: Mana kolam/ Padi kolam, Free hand Kolam. Colour powder can be used.
7. Judges reserve the right to disqualify any participants found not complying with the rules and regulations of the competition.
8. Judges reserve the right to use the artworks of the participant as materials for purposes of printing, without any prior notice to the participants.
9. The judges' decision will be final.
10. HD Pictures to be put in a zip folder, with participant's name and the employee's names, to be sent to, [scribbles@sanmargroup.com](mailto:scribbles@sanmargroup.com) on or before June 20, 2023.

## Contest 4

# Bharath Mahan

Use your cell phone and shoot impressive Swatch Bharath photographs, (Age group 14-18).

Contest open only for children of employees.



### Rules:

1. Photos submitted must be at least 640 pixels on the shorter side, and no more than 2000 pixels on the longer side. Images should be no larger than 2MB. Photos must be in JPG format.
2. Each participant can submit 2 entries
3. You are required to provide a unique title & description for each image submitted.
4. Basic editing, including colour enhancement, the use of filters, and cropping of the Photo(s) is acceptable, provided any such editing does not affect the authenticity and/or genuineness of the photo(s).
5. Advanced editing used to create illusions, deceptions and/or manipulations, and the adding and removing of significant elements within the frame is prohibited.
6. Judgement will be based on creativity, composition, and in liaison to the theme
7. Submissions will not be accepted once the deadline lapses.
8. The judges' decision will be final.
9. Judges reserve the right to use the artworks of the participants as materials for the purposes of printing, without any prior notice to the participants.
10. HD Pictures to be put in a zip folder, with participant's name, and sent to [scribbles@sanmargroup.com](mailto:scribbles@sanmargroup.com) on or before June 20, 2023.

## Contest 5

### Sanmar Shots

Create Video Shots

(like YouTube shots, FB reels). Open for employees only



#### Rules:

1. 2 entries per employee
2. Maximum of 5 participants per team/ could be an individual entry too
3. Original shots with element of comedy will gain more points
4. Shots should not exceed 60 seconds
5. Music, BG scores can be added
6. Shots with obscene language will be disqualified
7. Shots can be made in Tamil/ English/ Hindi
8. Costumes, background and dialogue will carry more weightage
9. The judges' decision will be final
10. Judges reserve the right to use the videos of the participants as materials for various purposes, without any prior notice to the participants.
11. Send your entries to [scribbles@sanmargroup.com](mailto:scribbles@sanmargroup.com) on or before June 20, 2023.

**Designed by Kalamkriya**

9, Cathedral Road, Chennai 600 086. Ph: + 91 44 2812 8051

*For Internal Circulation Only.*

---

Editorial team:

Narayan Sethuramon, Ramadevi Ravi, SS Rameshwari, Leena Bose.