

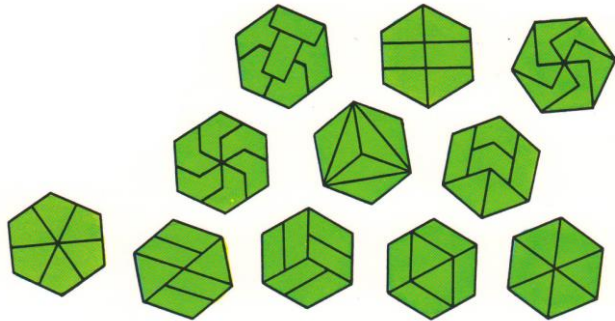
NEWS FLASH !!!

GEP: 80% of P3 cleared GEP round 1 test.

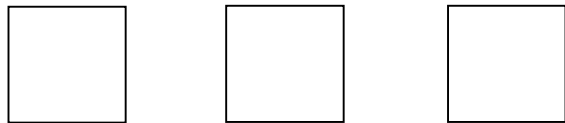
60% of P3 cleared GEP round 2 test.

Activity 1 – Visual Fun

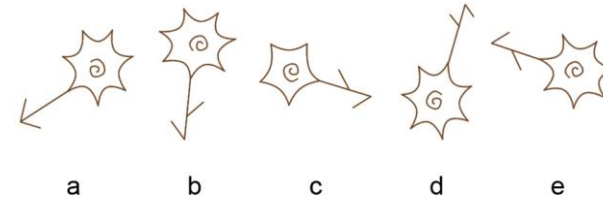
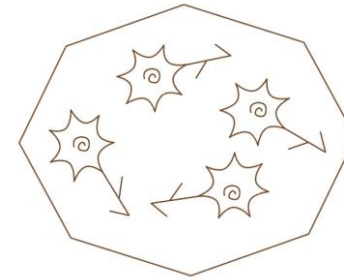
These 11 hexagons are each divided into 6 equal areas.



Find at least 6 ways to divide a square into 4 equal areas.



Which option (A to E) belongs to the set?



Activity 2 – Mathematics Puzzle

- 5 pupils Tina, Leon, Queen, Gin and Ahmad take part in a chess tournament. Each of them has to play 1 game with each of the other players. Ahmad has played 4 games so far. Tina has played 3 games. Leon has played 2 games and Gin has played 1 game. How many games has Queen played?

2. Five children, Paul, Lily, Sam, Beatrice and Mary, are playing a game in which they give or receive sweets from each other. Paul gives Lily and Mary 2 sweets each and receives 3 from Beatrice and 1 from Sam. Sam receives 1 sweet from each player except Paul who gives him 2. Beatrice gives Mary 3 sweets and receives 4 from Lily.

Paul finished with 15 sweets. How many did he start with?

\_\_\_\_\_

Mary started with 12 sweets. How many did she finish with?

\_\_\_\_\_

Sam finished with 8 sweets. How many did he start with?

\_\_\_\_\_

Beatrice finished with 4 sweets. How many did she start with?

\_\_\_\_\_

Lily started with 5 sweets. How many did she finish with?

\_\_\_\_\_



17; 16; 4; 7; 2

### Activity 3 – Crime Story

#### The Case of the Falling Moon

It is a brutally cold day. You get to the office building of wealthy stockbroker Martin Moon just as the ambulance is pulling away. Moon’s body landed on the sidewalk after falling from a window eight floors up.

His office is in a turmoil – two girls in a corner of the outer office crying hysterically, three men pacing back and forth. One of the men says, “I’m Milton, a junior partner here. We were all in the outer office when we heard him scream. I rushed into Mr Moon’s office, but it was too late! That man over there, Bill, was with Mr Moon and saw him jump.

Bill walks over to you. “I was an employee here, until a year ago, when Mr Moon and I had a little disagreement. I dropped in today to see if there was a chance of my coming back to work here.”

“What happened?” you ask.

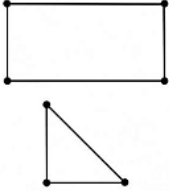
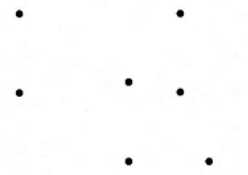

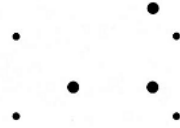
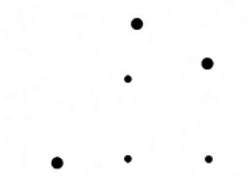

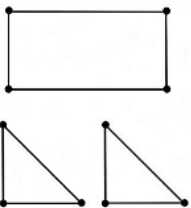
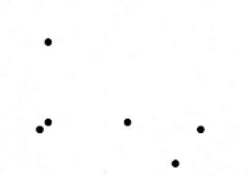
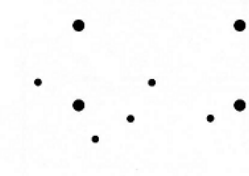
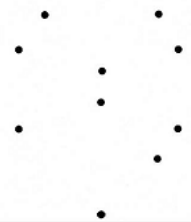

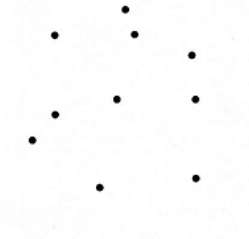
“Well, he started to walk around the office. He seemed worried about something. Just as he got near the open window, he turned toward it. Then – I don’t know if he jumped or lost his balance!” He shakes his head.

You step into Moon’s office with Milton. The room is uncomfortably warm because of two electric heaters in the corners. Milton comments, “Mr Moon was not a healthy man, and he always complained of cold. He kept his office in here like an oven. And he resented anyone’s suggestion of ventilation or fresh air.”

“Mr Moon neither committed suicide nor had an accident,” you say to Milton. “I’ll have to ask Bill some more questions!”

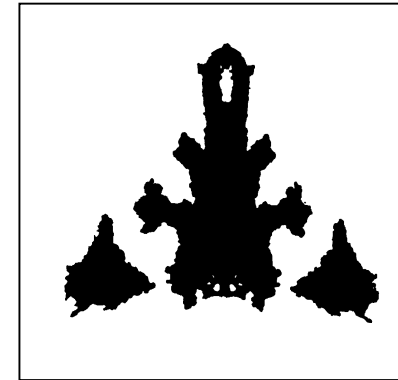
*Why do you suspect Bill?*

Activity 1 - Find the rectangle and triangle. Have fun.

Activity 2 – Wow! Imagination and Visualisation.

Hi, look at the picture. What do you see?



Answer :

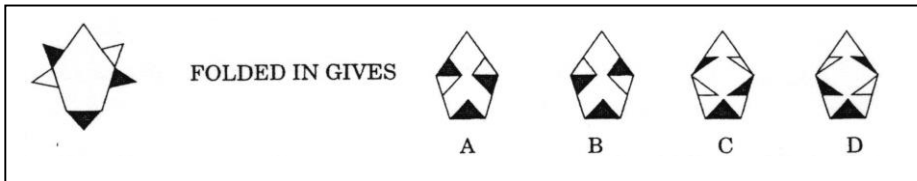
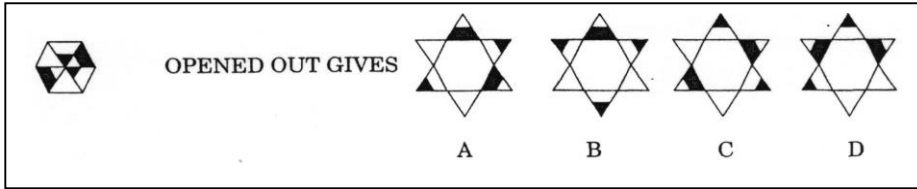
---

Activity 3 - Find the coin.

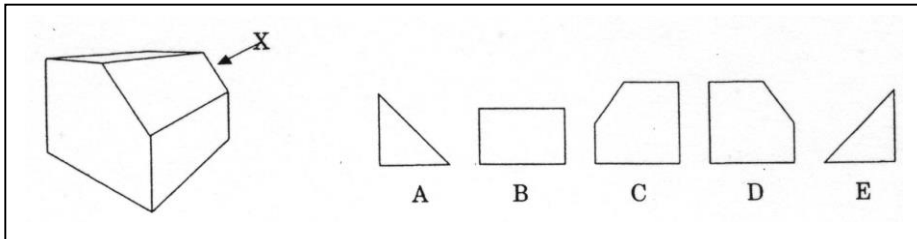
One of nine valuable coins is slightly heavier than the rest, although all are identical in appearance. Using a balance scale, how can the heavier coin be identified by using the scale only twice?

Activity 4 – Oops! Put on your thinking cap!

Folding and unfolding. Circle one letter each time.



Looking from point X, what will you see? Circle one letter each time.



Activity 5 - Find the next number and complete the sequence.

19, 8, 4, \_\_\_\_\_ Clue: Suits

6, 19, 20, 6, 6, 19, 19, \_\_\_\_\_ Clue: Ordinal

14, 916, 2536, 4964, \_\_\_\_\_ Clue: Square

13, 22, 5, 13, 10, 19, 21, \_\_\_\_\_ Clue: Celestial

Courses - For Your Information. - **Maximum for Each Class Size is 5.**

**Junior Writing Class (from 6 to 9 years old)**

**Junior Guru ACThinking Class (from 5 to 8 years old)**

**Young Guru ACThinking Class (from 9 to 12 years old)**

**(suitable for GEP & DSA)**

**School Curriculum Mathematics Class**

**School Curriculum Science Class**

**Private Life-Coaching and Mentoring Session**