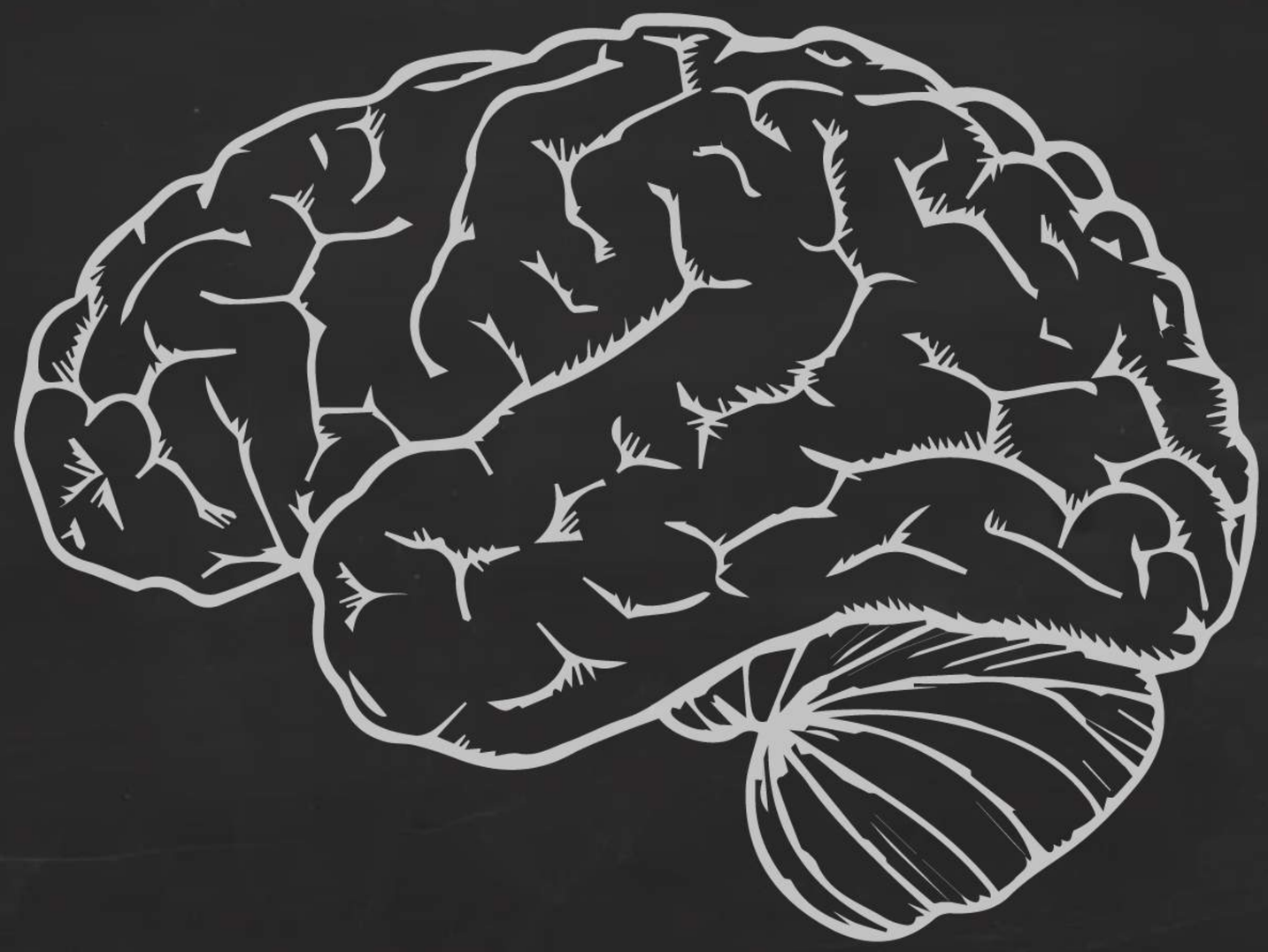
BRAIN TEASER



cs mock

BRAIN TEASER

A man desired to get into his work building, however he had forgotten his code. However, he did recollect five pieces of information

a) Sum of 5th number and 3rd number is 14.

b) Difference of 4th and 2nd number is 1.

c)The 1st number is one less than twice the 2nd number.

d)The 2nd number and the 3rd number equals 10.

e)The sum of all digits is 30.Crack the code ?

cs mock

BRAIN TEASER

Answer: Tom

Explanation: Tom took the apple

Jim Hank, and Eddie were telling the truth

Tom and Don were lying.

cs mock

BRAIN TEASER

There are three bags which are labeled as $100, $150 and $200.

One bag contains two $50 bills.

The second bag contains one $50 bill and one $100 bill.

The third bag contains two $100 bills.

Note: All bags are labeled incorrectly. What is the minimum number of bags you must check in order to label all bags correctly?

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BRAIN TEASER

Answer: 15 min

Explanation: After frying for five minutes, you can take out one steak and put the third one inside while turning the other one inside. After five more minutes, one steak is fried from both sides and you can take it out. Now put in the steak that we removed and turn the other one inside. After five more minutes, they both will also be fried from both sides.

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BRAIN TEASER

Anne was found dead in the central park of London.
There are six suspects "hazard", "Costa", "Pedro", "Willian", "Terry" and "Courtois".
Anne has written the murdered name in cipher on the floor as "dqvxf".
Who is the murderer?

cs mock

BRAIN TEASER

Answer: 74658

Explanation: 74658

8 8 + 6 = 14

8 5 - 4 = 1

8 7 = 284 - 1

8 4 + 6 = 10

8 7+4+6+5+8 = 30

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BRAIN TEASER

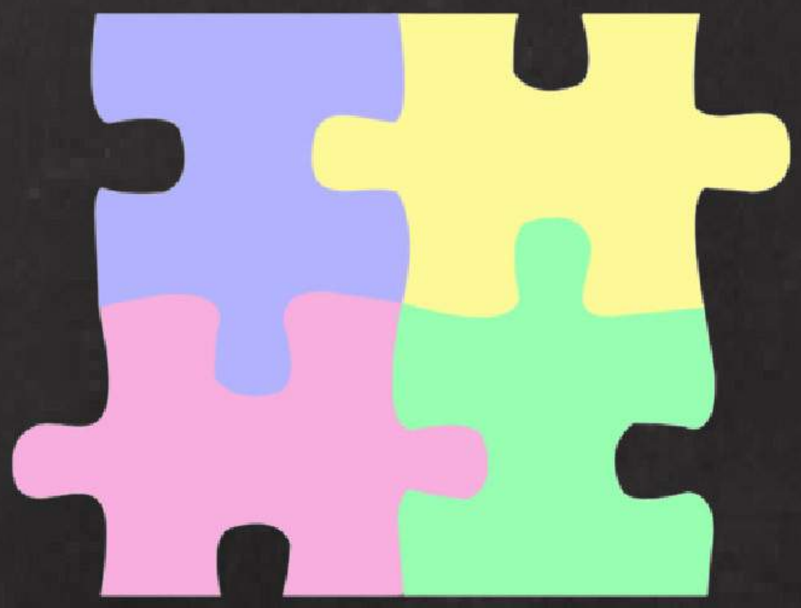
If

BAT = 58

HAT = 52

CAT = 57

what's RAT = ?



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BRAIN TEASER

Answer: 1

Explanation: You just need to check $150 bag.

Note: All bags labels are incorrect.

Case 1: If it contains $100 bill, then

A) Current bag contains $200 bills B) $100 bag contains $150 bills C) $200 bag contains $100 bills

Case 2: If it contains $50 bill, then

A) Current bag contains $100 bills.

B) $100 bag contains $200 bills C) $200 bag contains $150 bills

Screen reader support enabled.

cs mock

BRAIN TEASER

Jimmy Bullard and his friend went for fishing.
They got six fishes without heads, nine fishes without the tail and eight fishes cut in two halves.
How many fishes did they caught ?

cs mock

BRAIN TEASER

Answer: COSTA

Explanation: Costa

c + 1 characters-> d

o + 2 characters-> q

s + 3 characters-> v

t + 4 characters-> x

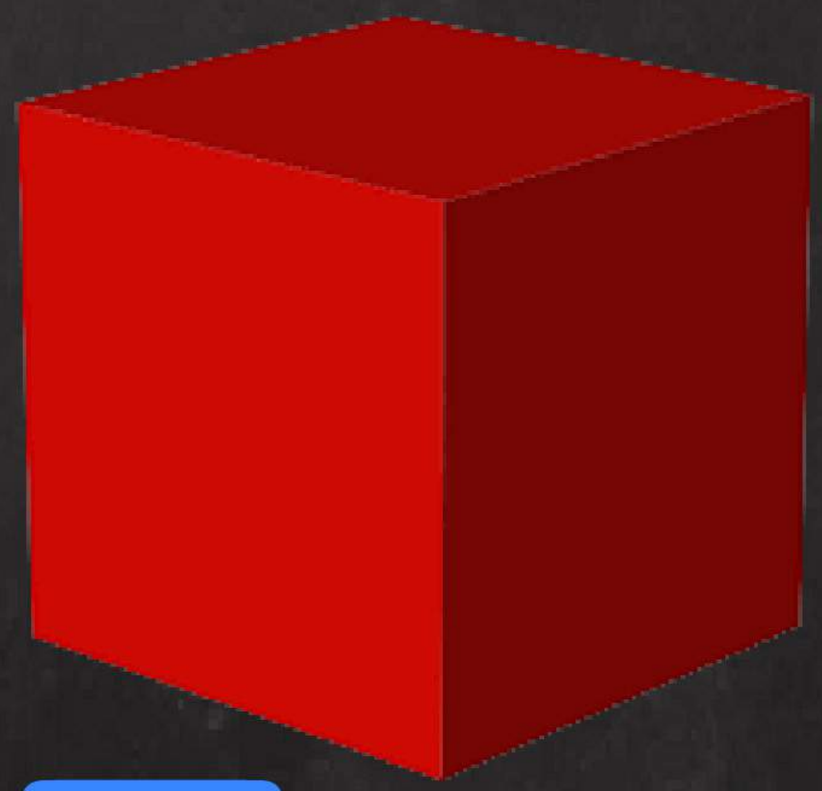
a + 5 characters-> f

=> dqvxf = costa

cs mock

BRAIN TEASER

You are given with a cube with a three by three grid. Suppose you are standing on the back left corner of the cube and you are supposed to reach the front right of the cube. You are free to move towards the front, downwards or upwards. How many ways are there that will take you to the end.



cs mock

BRAIN TEASER

Answer: 42

Explanation:

BAT = 60 – (value of B) = 60 – 2 = 58;

EAT = 60 – (value of E) = 60 – 5 = 55;

HAT = 60 – (value of H) = 60 – 8 = 52;

RAT = 60 – (value of R) = 60 – 18 = 42;

cs mock

BRAIN TEASER

Out of 100 women surveyed leaving Harrods, 83 had a white bag, 77 had a black shoes, 62 carried an umbrella and 95 wore a ring. What is the minimum number of women which have all four items?

cs mock

BRAIN TEASER

Answer: 0

Explanation:

6 without head => 0

9 without tail => 0

8 in two halves => 0 & 0

cs mock

BRAIN TEASER

There are 100 bulbs lined up in a room. All are turned on in the first pass. Then all the even numbered light bulbs are switched off. After that, every third bulb is switched on. Then all those bulbs that were switched off are turned back on and all those that were lit are turned off. Then the same process is being carried with the fourth bulb and the fifth bulb. How many bulbs are glowing after 100 passes?

cs mock

BRAIN TEASER

Answer: 90

Explanation: Split the cube into three by three grids. You will get three layers. Now get to one square from the cell adjacent instead of counting the path. You can now count the paths from the left (x), the right (y) and the level above (z). So the path for any square will be $x + y + z$

cs mock

BRAIN TEASER

A man is standing in the queue for the current show of Avengers. If he is standing at the 11th position from both the ends of the row. How many people are standing in the row?

cs mock

BRAIN TEASER

Answer: 17

Explanation: Add the numbers all together which gives 83+77+62+95=317 among 100 women. This gives three items to each and four items to 17 women. Hence the least number is 17.

cs mock

BRAIN TEASER

I need to divide numbers from 1 to 9 into two group such that sum of numbers in one group is equal to the sum of other group.

Note: 6 cannot be flipped over to make it 9.

Option a: Group 1 - 1 2 3 4 5 6, Group 2 - 7 8 6

Option b: Group 1 - 1 2 3 4 5 9, Group 2 - 7 8 9

cs mock

BRAIN TEASER

Answer: OPTION A

Explanation:

1 2 3 4 5 6 and 7 8 6

Since summation of numbers 1-9(1 2 3 4 5 6 7 8 9) is 45 , so its impossible to divide into two equal parts.

Since we cant flip over 6 to make it 9 but we can flip 9 to make it 6 and hence the solution

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BRAIN TEASER

There is a box full of fruits, all but two are grapes, all but two are apples, and all but two are oranges. How many fruits are in the box ?

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BRAIN TEASER

Answer: 3

Explanation:

There are 3 fruits (1 grapes, 1 apples, and 1 oranges).

cs mock

BRAIN TEASER

A thief was running from the police after the biggest theft the town saw. He took his guard in one of the thirteen caves arranged in a circle. Each day, the thief moves either to the adjacent cave or stay in the same cave. Two cops goes there daily and have enough time to enter any two of the caves out of them. How will the cop make sure to catch the thief in what minimum number of days?

cs mock

BRAIN TEASER

Answer: 7

Explanation:

One of the cop will move clockwise while the other will move anti-clockwise every day. In such a manner, they will catch the thief in minimum seven days

cs mock

BRAIN TEASER

In a closed jar, there are three strawberry candies, two mango candies and five pineapple candies. You can't see inside the jar. Now, how many toffees you must take out from the jar to make sure that you have one of each flavor?

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BRAIN TEASER

Answer: 9

Explanation:

$2 < 3 < 5$

To find out the required number of candies, take one in place of the least number (i.e. take one mango candy) and then add all the greater numbers (i.e. three strawberry and five pineapple candies) to it.

Required number of balls $= 1 + 3 + 5 = 9$.

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BRAIN TEASER

You have four chains. Each chain has three links in it. Although it is difficult to cut the links, you wish to make a single loop with all 12 links. What is the fewest number of cuts you must make to accomplish this task?

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BRAIN TEASER

Answer: 3

Explanation:

Cut each link in one chain. Separate them, and use the links to join the ends of the 3 intact chains

cs mock

BRAIN TEASER

In a bowl, there are several chits with distinct numbers on them. You have to choose any two of them at random. Will you accept the 2 to 1 bet that the numbers will be relatively prime will you accept it?

For instance:

If the numbers you pick are 6 and 13, you lose $1.

If the numbers you pick are 5 and 25, you win $2.

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BRAIN TEASER

Answer: ACCEPT

Explanation:

The probability of two numbers being relatively prime is 60%. Thus if you keep playing the bet, you will hypothetically make 20 cents on every play. Thus, you should accept the bet

cs mock

BRAIN TEASER

Priyanka socks rack has 11 pink socks, 12 red socks , 13 orange socks, and 14 white socks,15 brown socks. How many socks would she have to pull out in the dark to be sure she got a matching pair ?

cs mock

BRAIN TEASER

Answer: 6

Explanation:

There are only five colors, so six socks guarantee that two will be the same color.

cs mock

BRAIN TEASER

Birbal is a witty trader who trade of a mystical fruit grown far in north. He travels from one place to another with three sacks which can hold 30 fruits each. None of the sack can hold more than 30 fruits. On his way, he has to pass through thirty check points and at each check point, he has to give one fruit for each sack to the authorities. How many mystical fruits remain after he goes through all the thirty check points?

cs mock

BRAIN TEASER

Answer: 25

Explanation:

For the first sack; He must be able to fill fruits from one sack to other two sacks. Assume that he is able to do that after M check points. Now to find M, (Space in first sack) M + (Space in second sack) M = (Remaining fruits in Third Sack) 30 - M

M = 10.Thus after 10 checkpoints, Birbal will be left with only 2 sacks containing 30 fruits each. Now he must get rid of the second sack. So, he must fill the fruits from second sack to the first sack. Assume that he manages to do that after N checkpoints. (Space in First Sack) N = (Remaining fruits in second sack) 30 - N; N=15

Thus after he has crossed 25 checkpoints, he will be left be one sack with 30 fruits in it. He has to pass five more checkpoints where he will have to give five fruits and he will be left with 25 fruits once he has crossed all 30 check points.

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BRAIN TEASER

I have a huge bed-sheet of 1 meter long.
I want to cuts this role into pieces of 20 centimeter long cloth.
How long will it take me to cut the bed sheet if each 20 centimeter cut took me 5 minutes ?

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BRAIN TEASER

Answer: 245 MIN

Explanation:

245 MINUTES

IT WILL TAKE 49 CUTS NOT 50.

SO 4985 => 245 MINUTES

cs mock

BRAIN TEASER

For my anniversary, I decided to surprise my wife. Since she is a voracious reader, I decided to collect a lot of books for her. On the first day of the month, I bought one book, on the second, I bought two and on the third, I bought three. This process went on till the anniversary and on the day, I had 276 books with me to gift her. Can you calculate, on which day of the month is our anniversary?

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BRAIN TEASER

Answer: 23RD

Explanation:

23RD DAY

1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 17 + 18 + 19 + 20 + 21 + 22 + 23 = 276.THUS OUR ANNIVERSARY FALLS ON THE 23RD DAY OF THE MONTH.

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BRAIN TEASER

Roy was suffering from severe headaches. He went to see his doctor and the doctor gave him five tablets asking him to take one tablet every 15 minutes.
How much time will it take Roy to consume all the five tablets?

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BRAIN TEASER

Answer: 1HR

Explanation:

ROY WILL BE ABLE TO CONSUME ALL THE FIVE TABLETS IN AN HOUR.
TABLET 1 WILL BE TAKEN IN 0 MIN.
TABLET 2 WILL BE TAKEN IN 15 MIN.
TABLET 3 WILL BE TAKEN IN 30 MIN.
TABLET 4 WILL BE TAKEN IN 45 MIN.
TABLET 5 WILL BE TAKEN IN 60 MIN.

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BRAIN TEASER

A spider is trying to build a web for itself. It doubles the work done everyday.
If the spider completely built the web in 15 days, how many days did it take for the spider to build 25% of the web ?

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BRAIN TEASER

Answer: 13

Explanation:

15 DAYS FOR 1005

14 DAYS FOR 505

13 DAYS FOR 255

12 DAYS FOR 12.55

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