



# PUZZLES CONUNDRUM

Lecture No.20







Let's think beyond rules of Maths.....





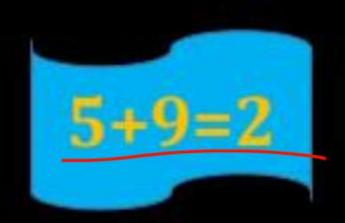
When asked about his birthday, a man said:

"The day before yesterday I was only 25 and next year I will turn 28."

This is true only one day in a year - when was he born?

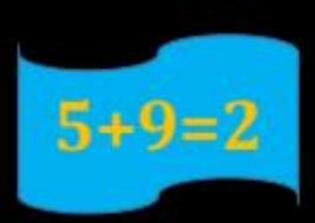


I add five to Nine and get two. The answer is correct, but how?





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What disappear the moment you say its name?



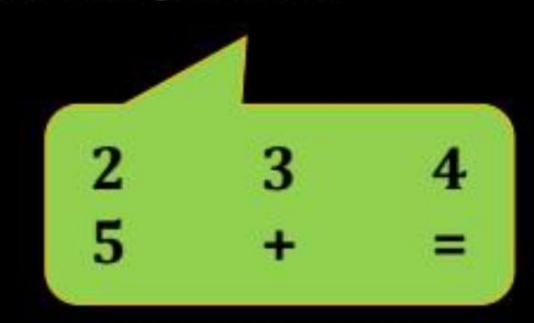
What disappear the moment you say its name?



# Silence

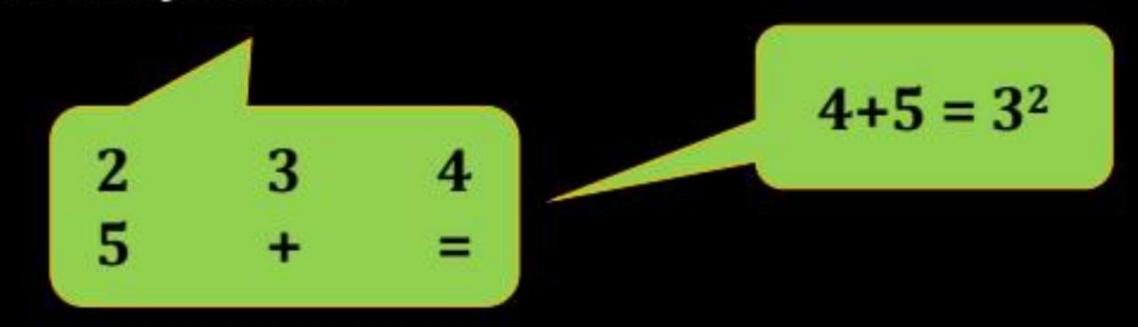


Create an equation using the below numbers and mathematical symbols.





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What three letters change a girl into woman?





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My parents have six sons including me and each son has one sister. How many people are there in the family?







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PARENTS + SONS + DAUGHTER  
= 
$$2 + 6 + 1 = 9$$
 Members





What should be there in the place of '?', (not 6)





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If 3 cats catch 3 rats in 3 minutes, then how long it takes for 100 cats to catch 100 rats?



3 min





How many times you can subtract the number 5 from 25?





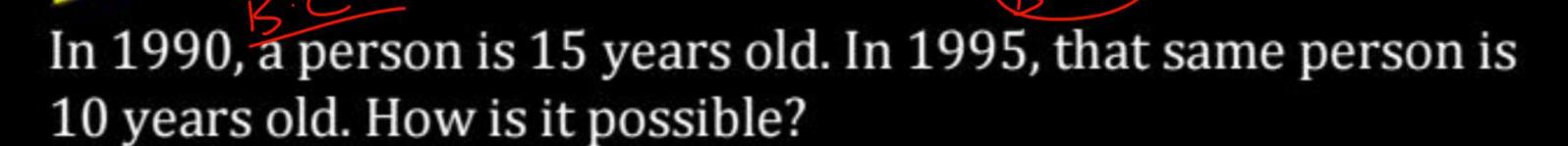
How can you get the number '6' by only using three zeros?

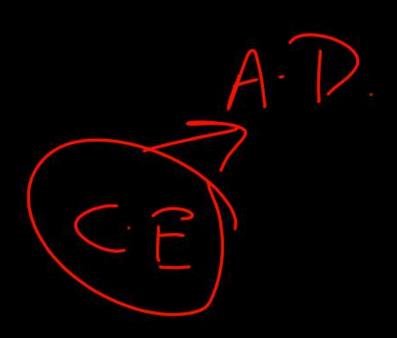


How can you get the number '6' by only using three zeros?

$$(0! + 0! + 0!)!$$









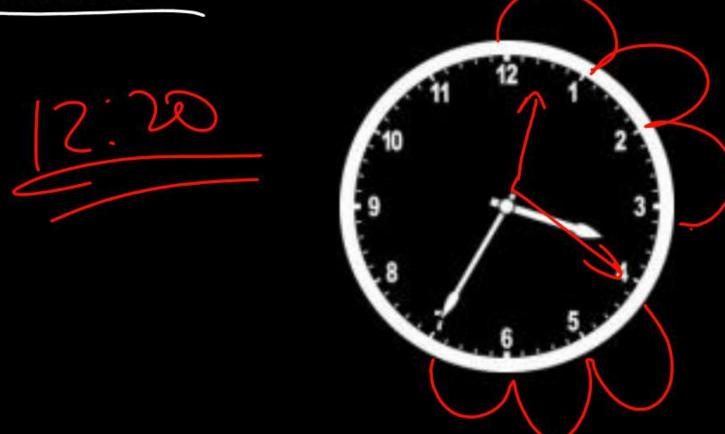
What should be the next number in the series: 10, 40, 90, 61, 52, 63, 94, \_\_\_\_\_





It's 3:35. If the clock is rotated 90° anticlockwise, what time it

would show?





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A heavy tree trunk can be sawed into a 12 feet long piece in one minute. How long will it take to saw it into 12 equal pieces?



1 min\_



You got a part time job for \$2000 per annum. The salary will be paid as \$1000 per six ments. be paid as ₹1000 per six months. The increment in your salary depends on your performance. You got two option of increment (a) & (b). Which one would be beneficial for you and why?

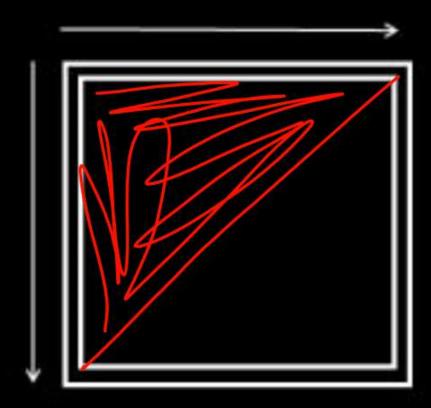
a) An increment of ₹300 per year

b) A increment of ₹100 per half year

$$1200 + 1600 = 3109$$
  
 $1300 + 1400 = 5409$   
 $1120 + 1500 = 5309$ 

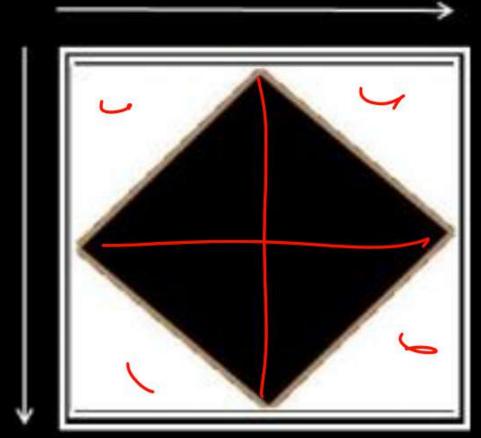


My room has a square window of 4 feet height and 4 feet width. After painting half the area as black, the unpainted portion is also 4 feet height and 4 feet width. How is it possible?





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Write 31 using only digits '3' five times.

3 3 3 3



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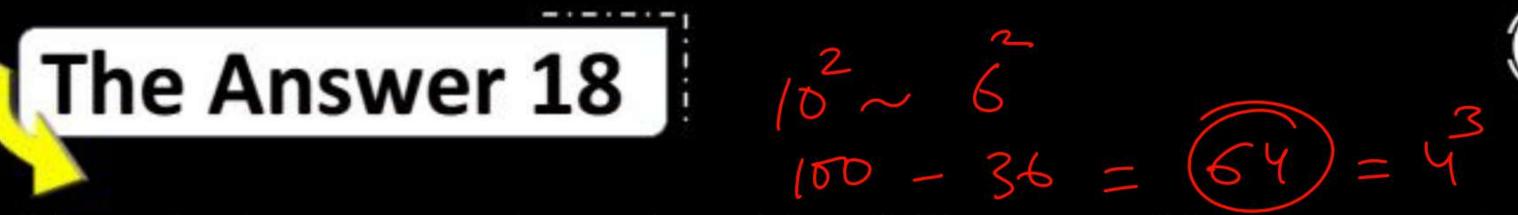
A train is 1km long and is moving with the speed of 1km per minute. How long it would take to cross a tunnel of 1km?



Zmin



Find the two natural number. The difference of their square is a cube & the difference of their cube is a square.



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In my coin bank, there is total ₹700. There are equal number of 25 paise coins, 50 paise coins and 1 rupee coins. How many of each are there?





There are two numbers with the difference of 3 between them. The difference of their squares is 51. Find the two numbers.





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## 10 and 7



Cnw 'A

Three Suspects: A, B and C (2liar)

Read their statements and find who among them speak truth

and who did the crime?

A: I didn't do it.

B: C did it.

C: B is lying.

