# CECETATIES ALL BRANCHES

**GENERAL APTITUDE** 







Lecture No: 1

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**Understanding Concept** 



Rules for Answering



**Limitations of Relations** 



**Practice Questions** 



In two concentric circles, a chord length 80 cm of larger circle becomes a tangent to the smaller circle whose radius is 9 cm. The radius of the larger circle will be?





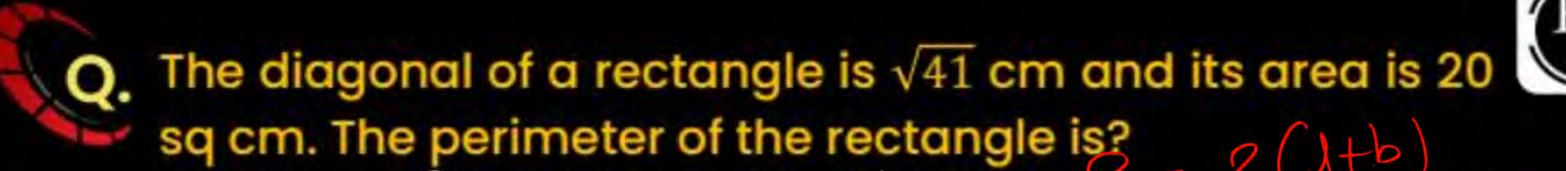




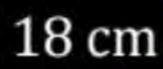


75 cm 
$$h = \sqrt{81 + 1680}$$
  
 $h = \sqrt{1681} = 41$  cm

81 xy 81 81 xy 81 82 xy 81 82 xy







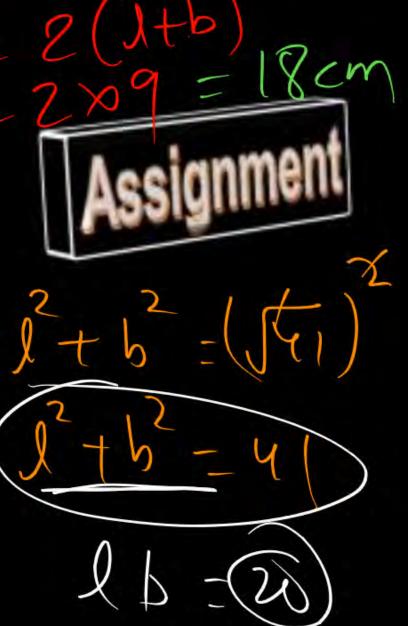


20 cm





$$(1+b)^{2} - 1^{2} + 1 + 2x 20$$







Study the following graph carefully and answer the

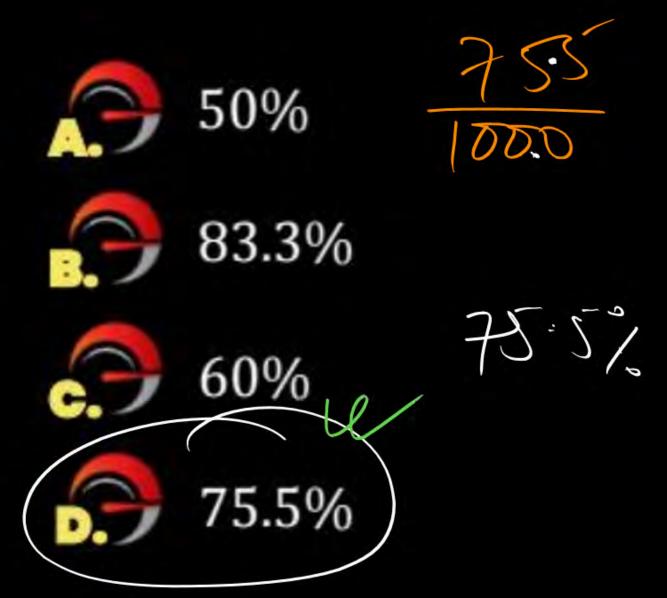
questions:



Marks scored by a student out of 500 in the Unit test held at different months of academic year 2019



# What is the pecentage of marks scored by the student in the unit test of August and October taken together?





Marks scored by a student out of 500 in the Unit test held at different months of academic year 2019



## What are the average of marks obtained by the student in the unit test of given academic year?





Marks scored by a student out of 500 in the Unit test held at different months of academic year 2019



#### BLOOD RELATIONS

Pater val

Grand soul head doubter

Mohr-Father

Brother-Sistes

When-Sistes

When-Aut

GF G.M. Sou doinghter

Greet G. Fla. G. T. Co usins





Great Grand Father: Great Grand Mother Forefather / Ancestors



#### Generations:





Mokafather > Oncle / Aut

2nd

3rd

4th

5<sup>th</sup>

Jovense (7) Sustan Sister

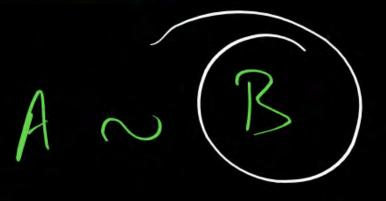
Nephus Son Logher









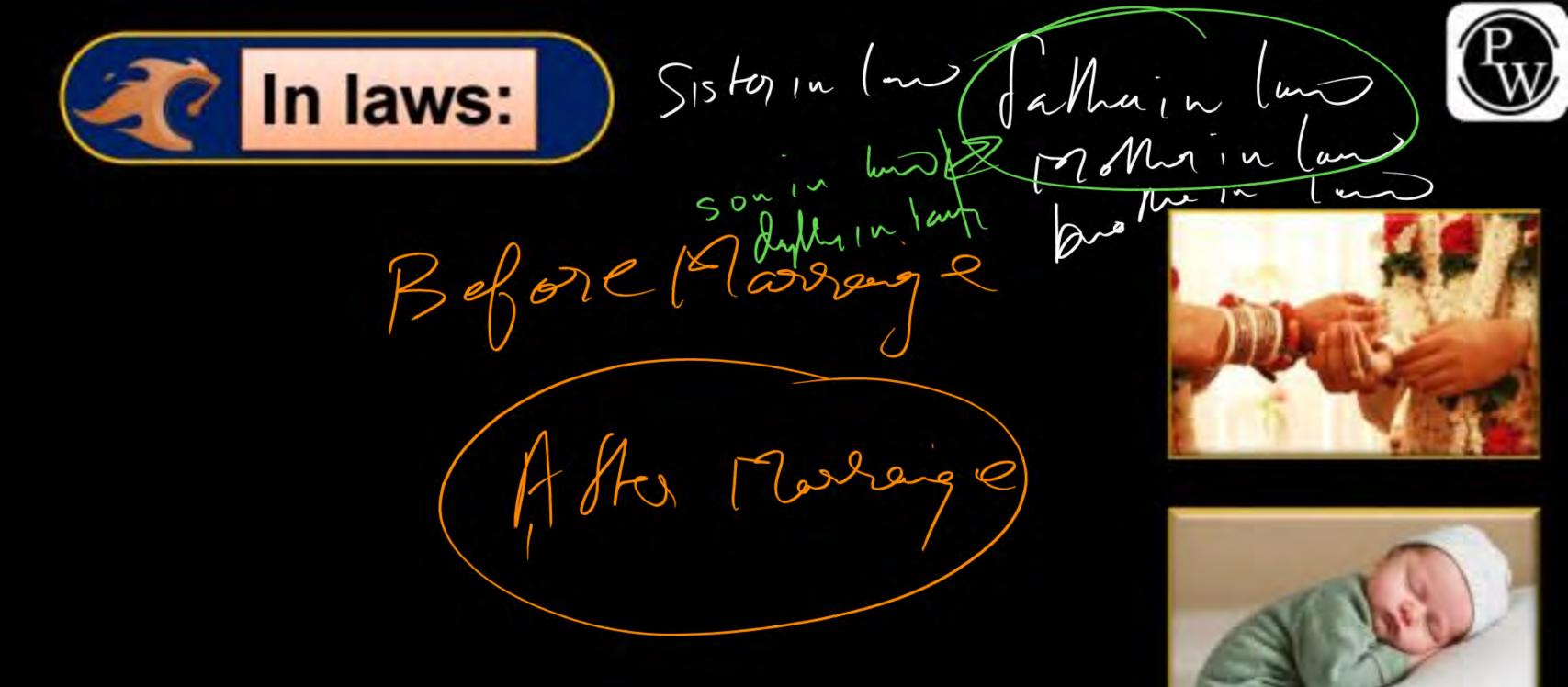
















Spouse Mother = Mother in law
Spouse Father = Father in law
Spouse Brother = Brother in Law
Spouse Sister 

Sister in law

Son in Law Daughter in Law

Spouse son = Son Spouse daughter = day



Pointing to a boy in the photograph Manasa said, "His sister is the only daughter of my father". How is the boy

related to Manasa's father?





Father



**Brother** 



Son



Cousin



Pointing to Neha, Mahesh said, "Her mother's only daughter is my daughter". How is Mahesh related to Neha?











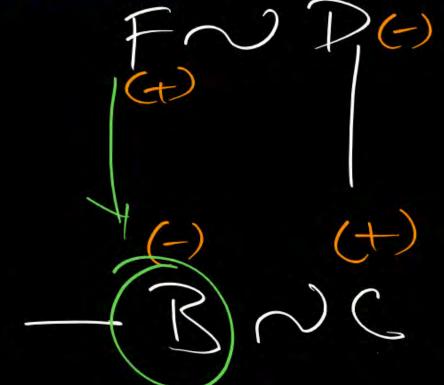




A is brother of B. B is wife of C. C is son of D.

D is wife of F. Then what is B to F?







Son-in-law



Daughter-in-law



Cousin



None of these



Pointing towards a person in a photograph, Raman said, "She is the only daughter of the mother of my brother's sister". How is that person related to Raman?

My Sis













If Neena says, "Anita's father Raman is the only son of

my father-in-law Mahipal", then how is Bindu, who is

the sister of Anita, related to Mahipal?



Daughter



Wife



Daughter-in-law



None of these



Grad Laytter



Pointing to a photograph, a woman says, "This man's son's sister is my mother-in-law." How is the woman's husband related to the man in the photograph?





Son





Son-in-law



Nephew



When Amit saw Manoj, he recalled and said "He is the son of the father of the mother of my daughter". What is Manoj to Amit?



Brother-in-law

Muno



Brother



Cousin



Uncle

#### Direction:





Q. X+Y means X is the father of Y, X-Y means X is the wife of Y, X × Y means X is the brother of Y, X ÷ Y means X is the daughter of Y.

A x B - C means



A is brother-in-law of C



A is the husband of C



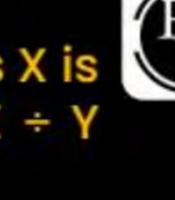
A is the son of C



None of these



Direction: X+Y means X is the father of Y, X-Y means X is the wife of Y, X × Y means X is the brother of Y, X ÷ Y means X is the daughter of Y.



In A x B ÷ C, which of the following statement is true?



A is the uncle of C



A is the father of C



A is the son of C



A is the brother of C



Rohit said to Mohit, "The boy playing basket ball is younger brother of the two brothers of the daughter of my father's wife". How is the boy playing basket ball related to Rohit?



Brother-in-law



Nephew



Cousin



Brother



# Introducing Swapna, Madhavi said, "She is the only daughter of my father's only daughter". How is Madhavi related to Swapna?



Niece



Aunt



Cousin



None





### A, the son of B was married to C, whose sister D was married to E, the brother of A. How is D related to B?





Daughter-in-law



Sister



Cousin



Sister-in-law





