

DAY 22

MCA CET 2025

REASONING

VENN
DIAGRAM



INEXORABLE
MAH MCA CET 2025
FREE CRASH COURSE

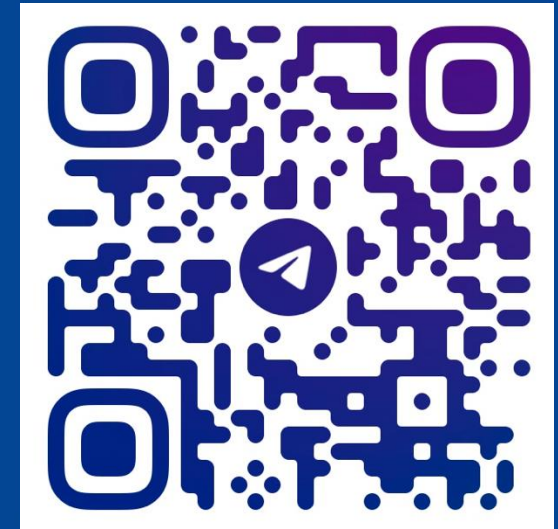




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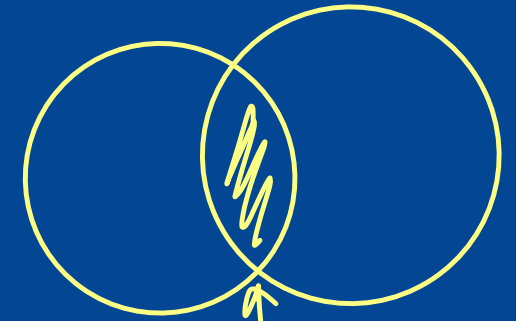
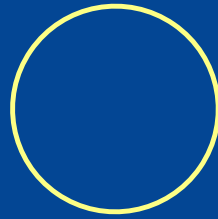


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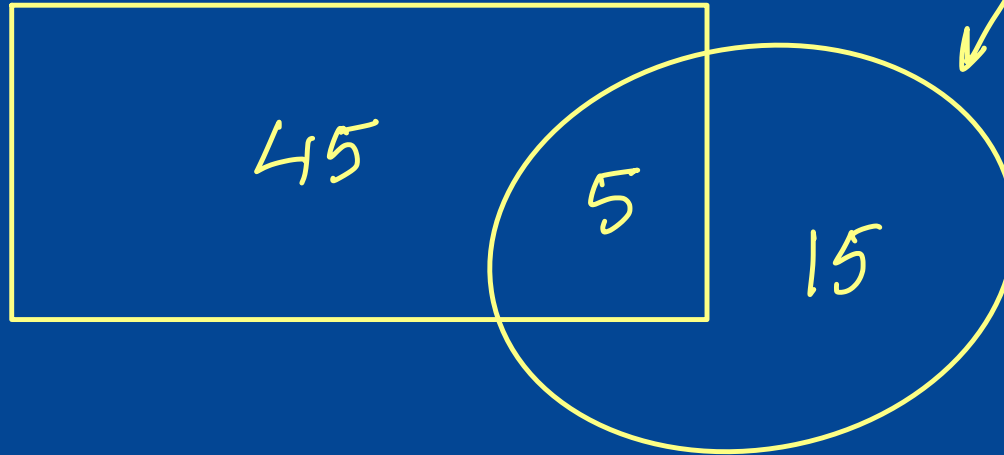
Venn Diagram

sets



Intersection

Class →

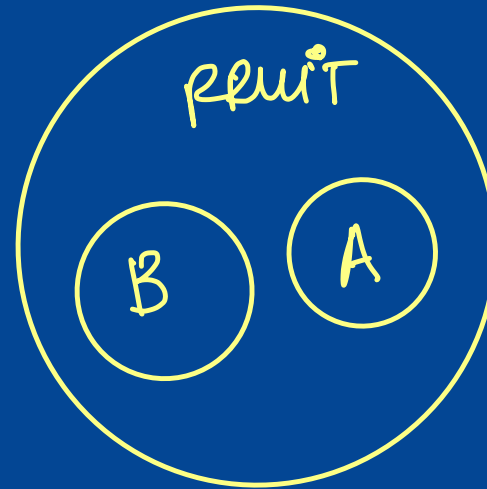
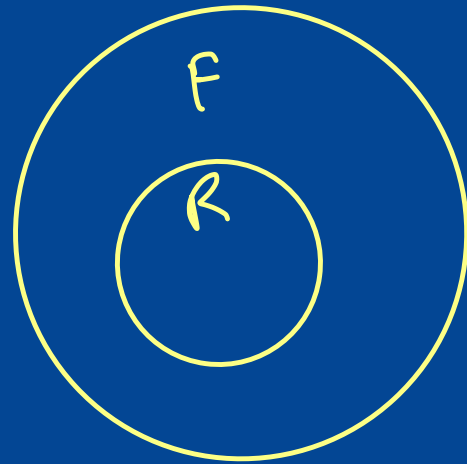


Swimmers



Venn Diagram

Flowers, Rose, Banana, Apple, Fruits.



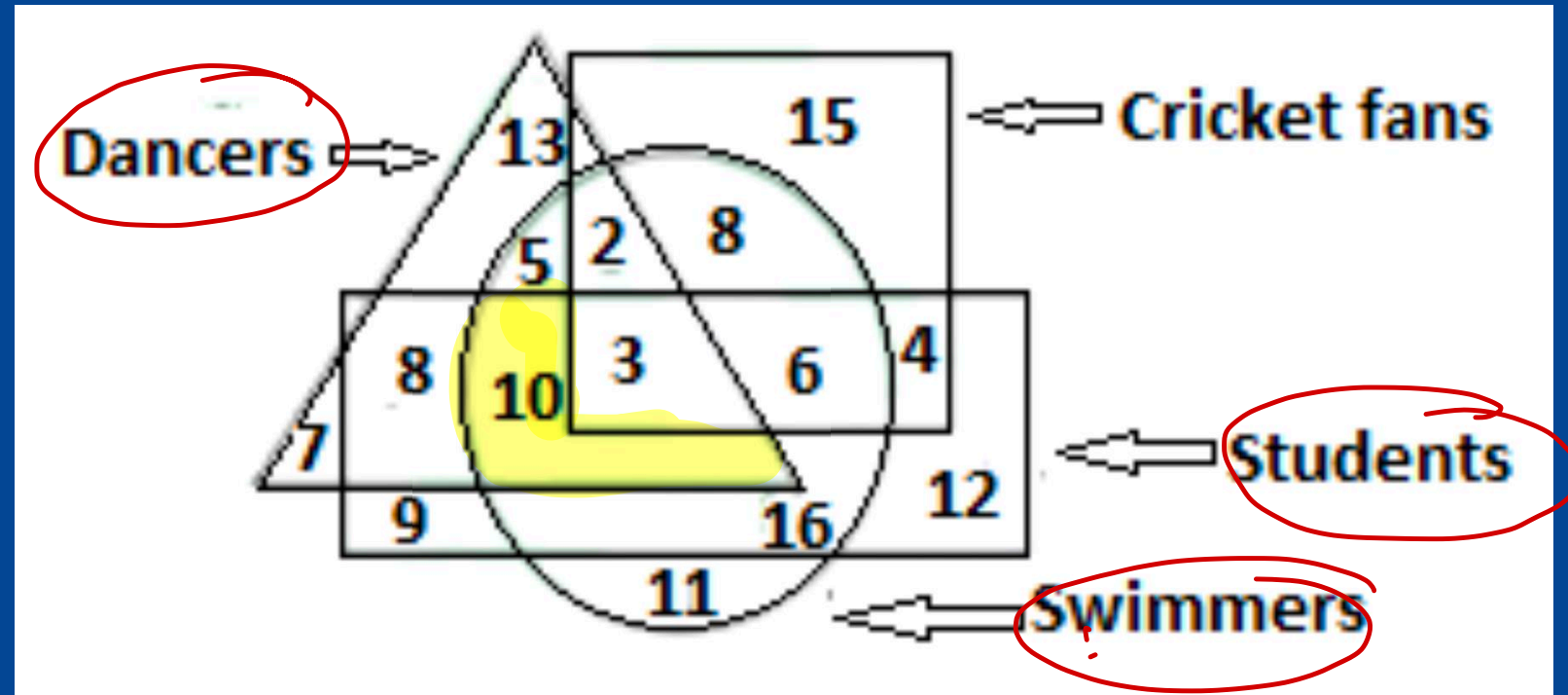


Venn Diagram



How many student dancers are swimmers but not cricket fans?

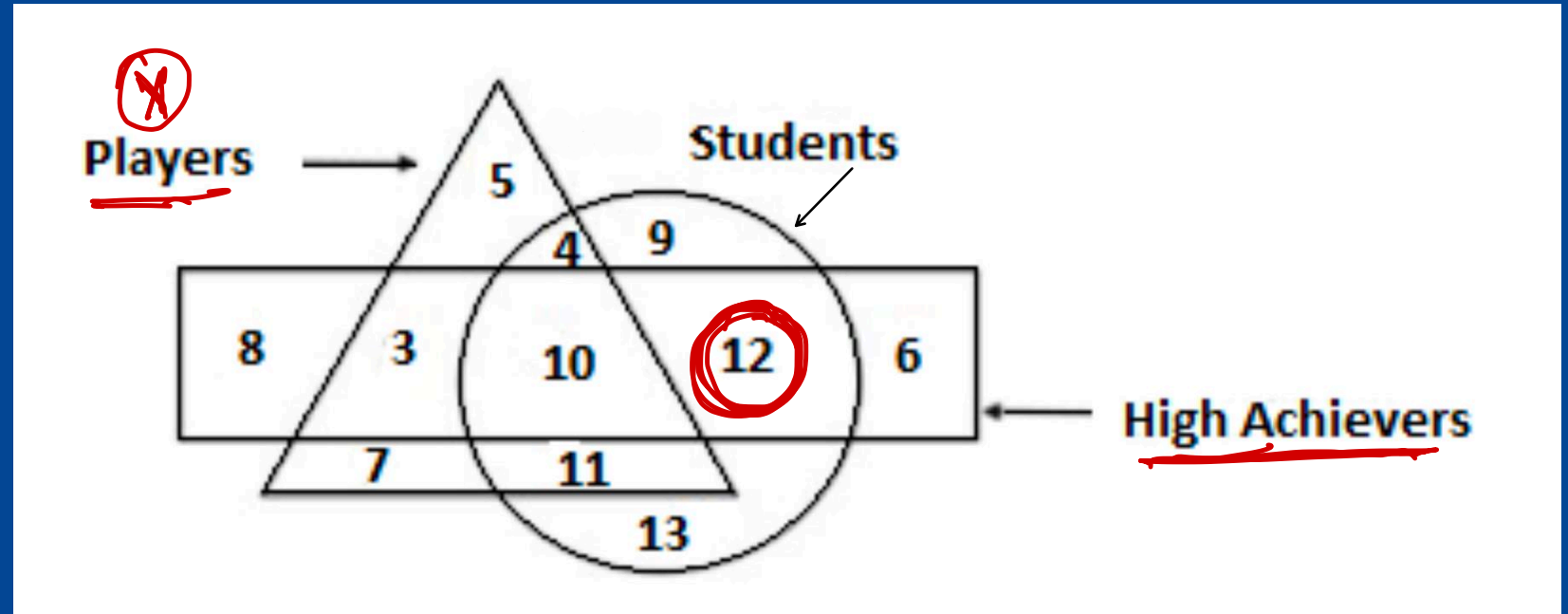
- (a) 15 (b) ~~10~~ (c) 3 (d) 13





How many great achievers are not sportsmen?

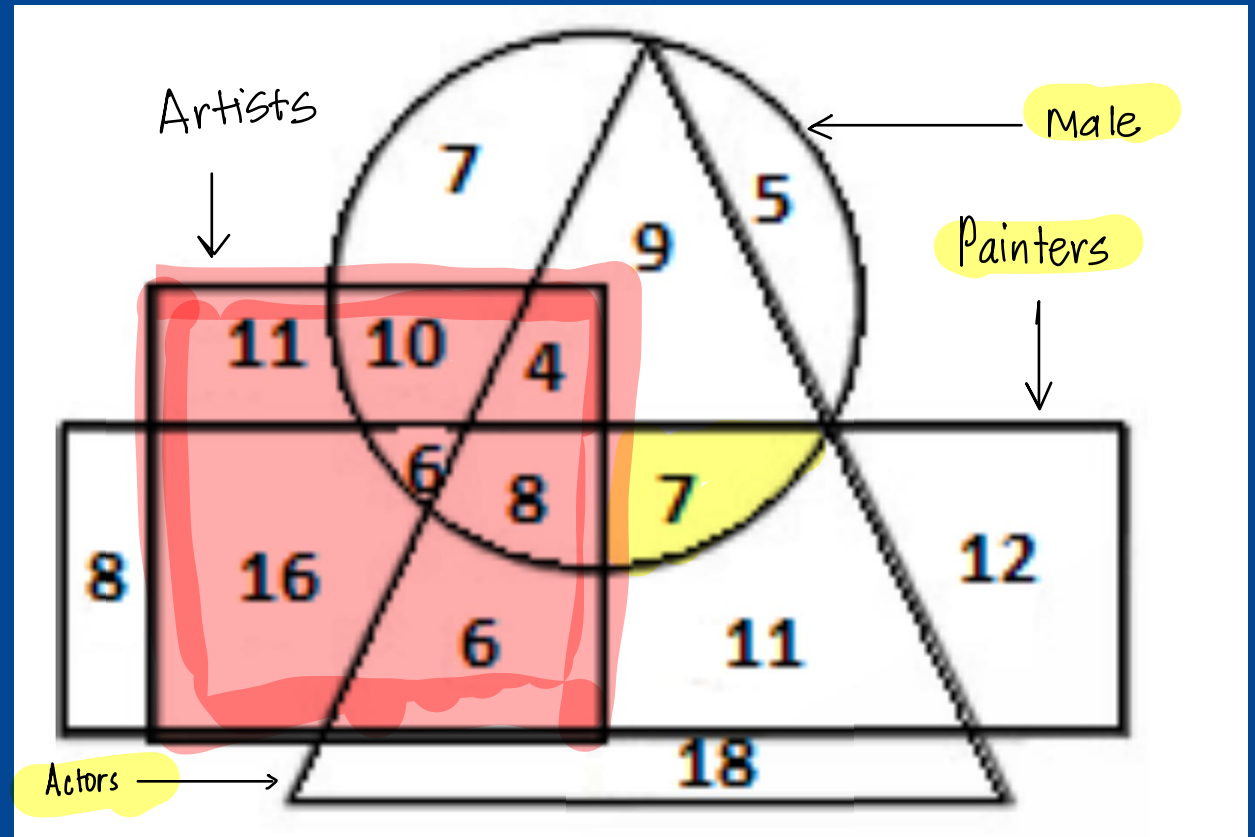
- (a) 15 (b) 13 ~~(c) 12~~ (d) 3





How many male actors are painters but not artists?

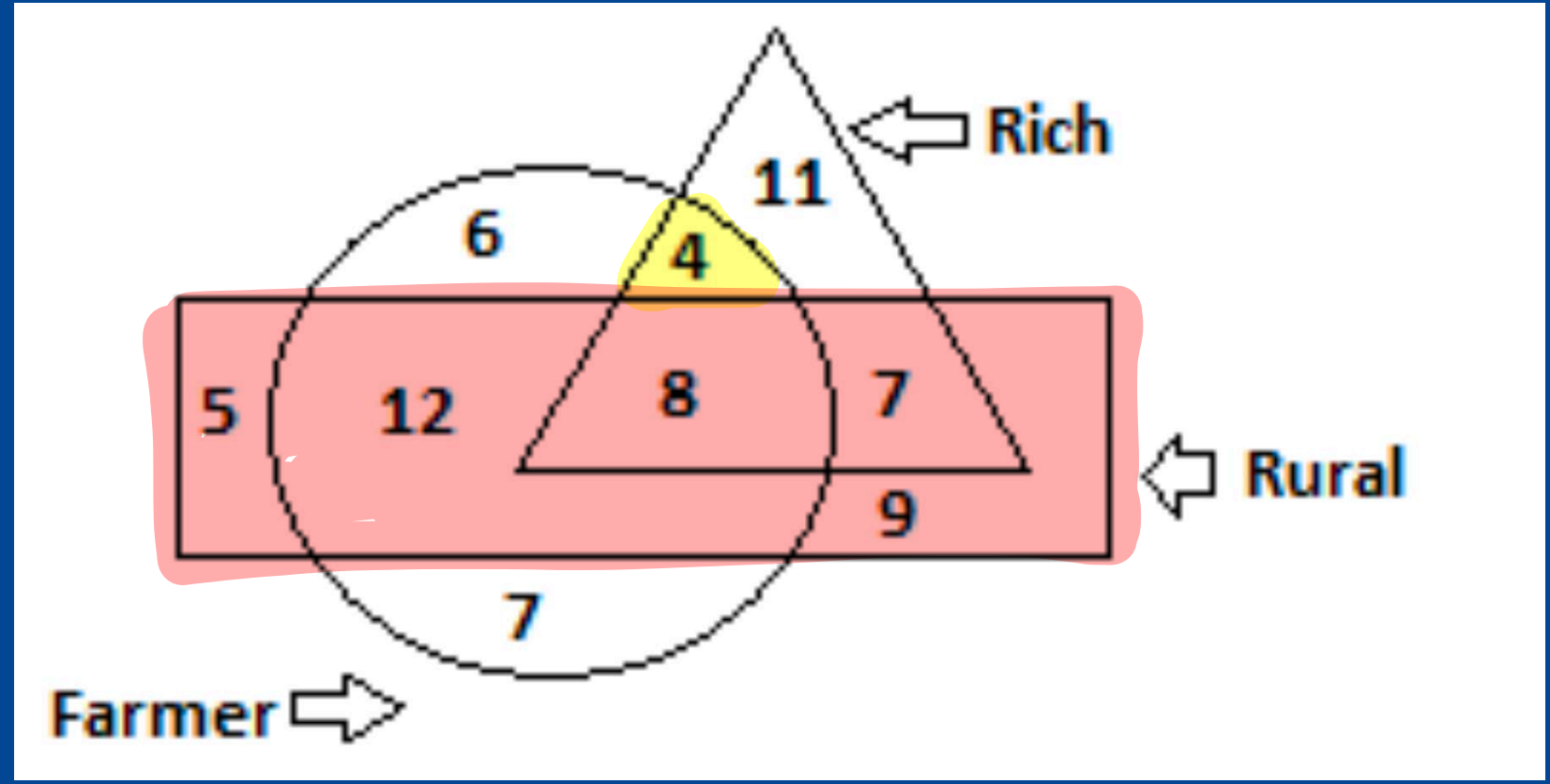
- (a) 13 (b) ~~7~~ (c) 8 (d) 15





How many rich Farmers are not rural?

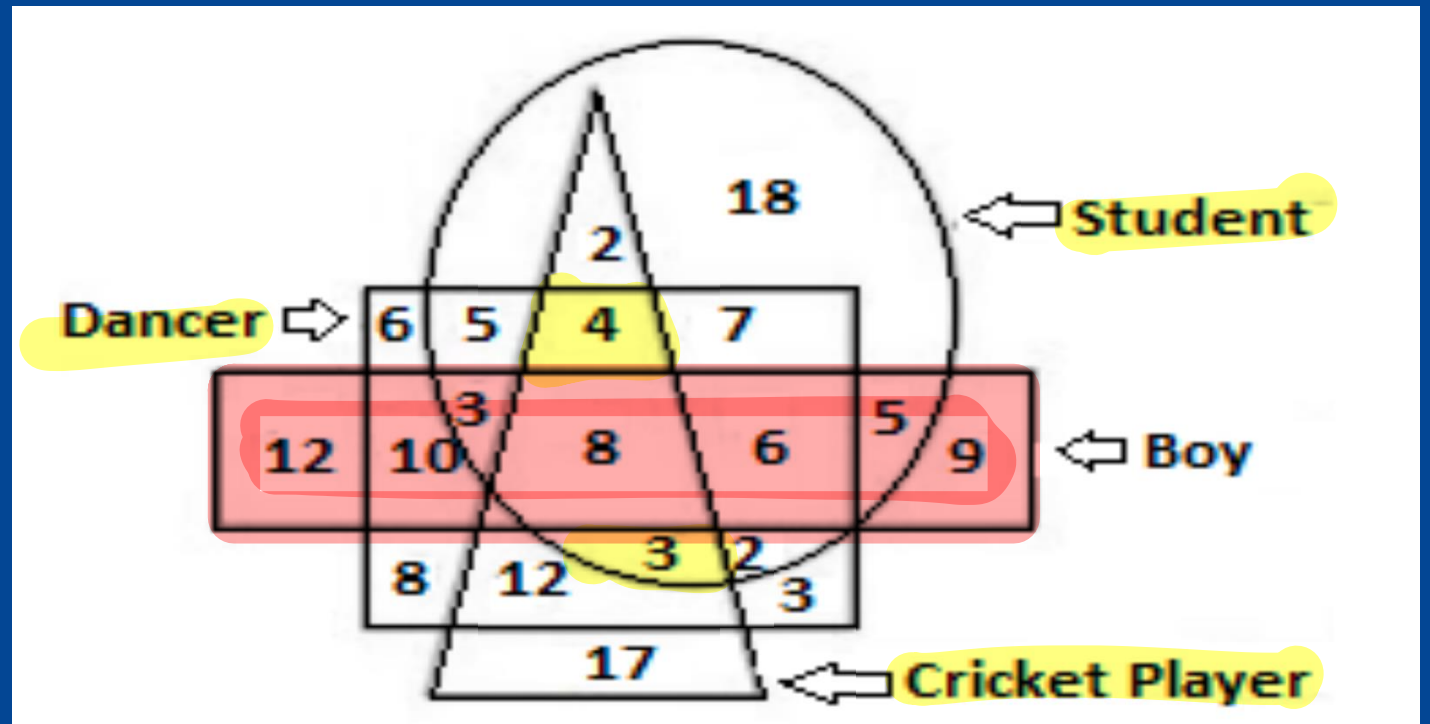
- (a) 8 (b) 4 (c) 12 (d) 7





How many students are dancers and cricket players but not boys?

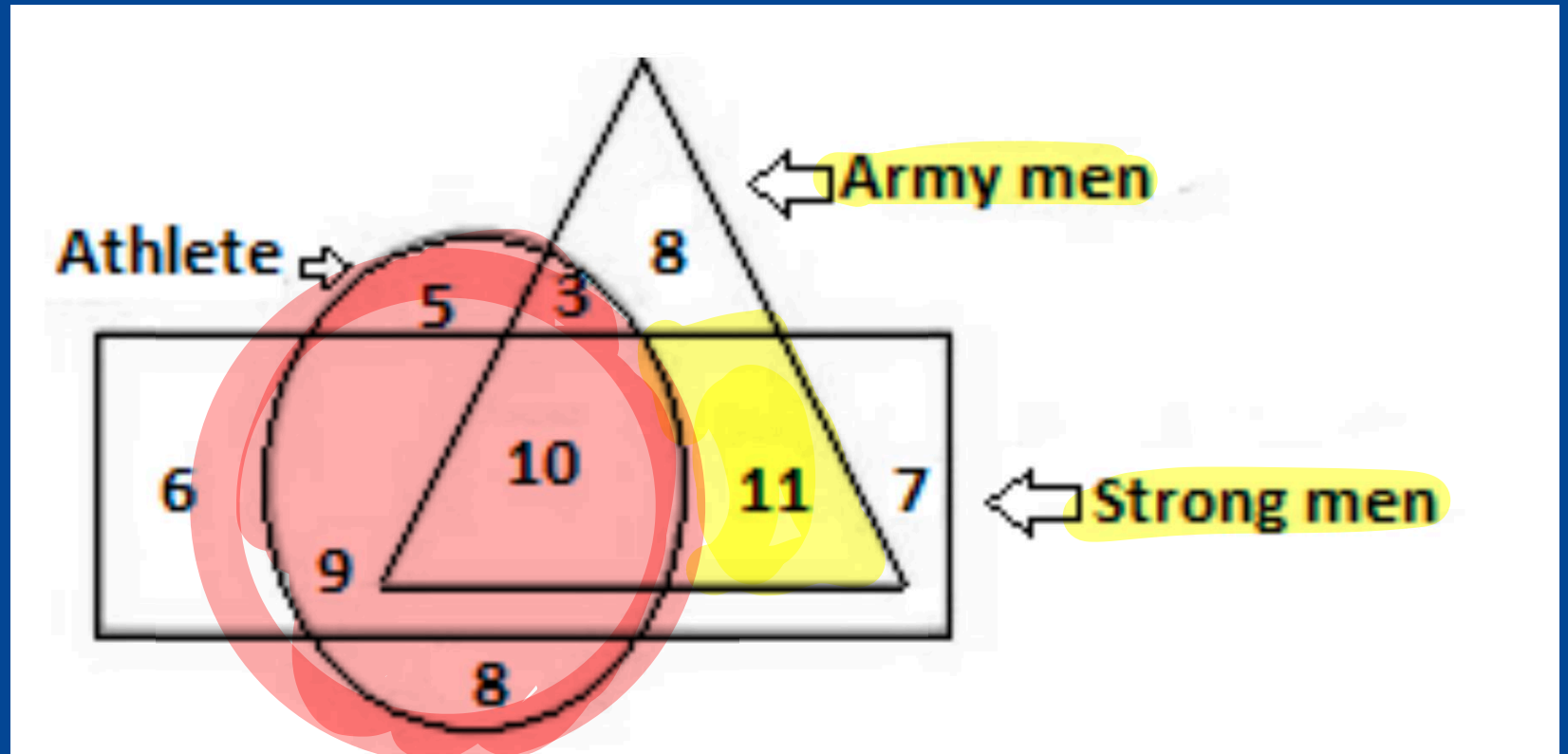
- ~~(a) 7~~ (b) 12 (c) 4 (d) 16





How many strong army men are not athletes?

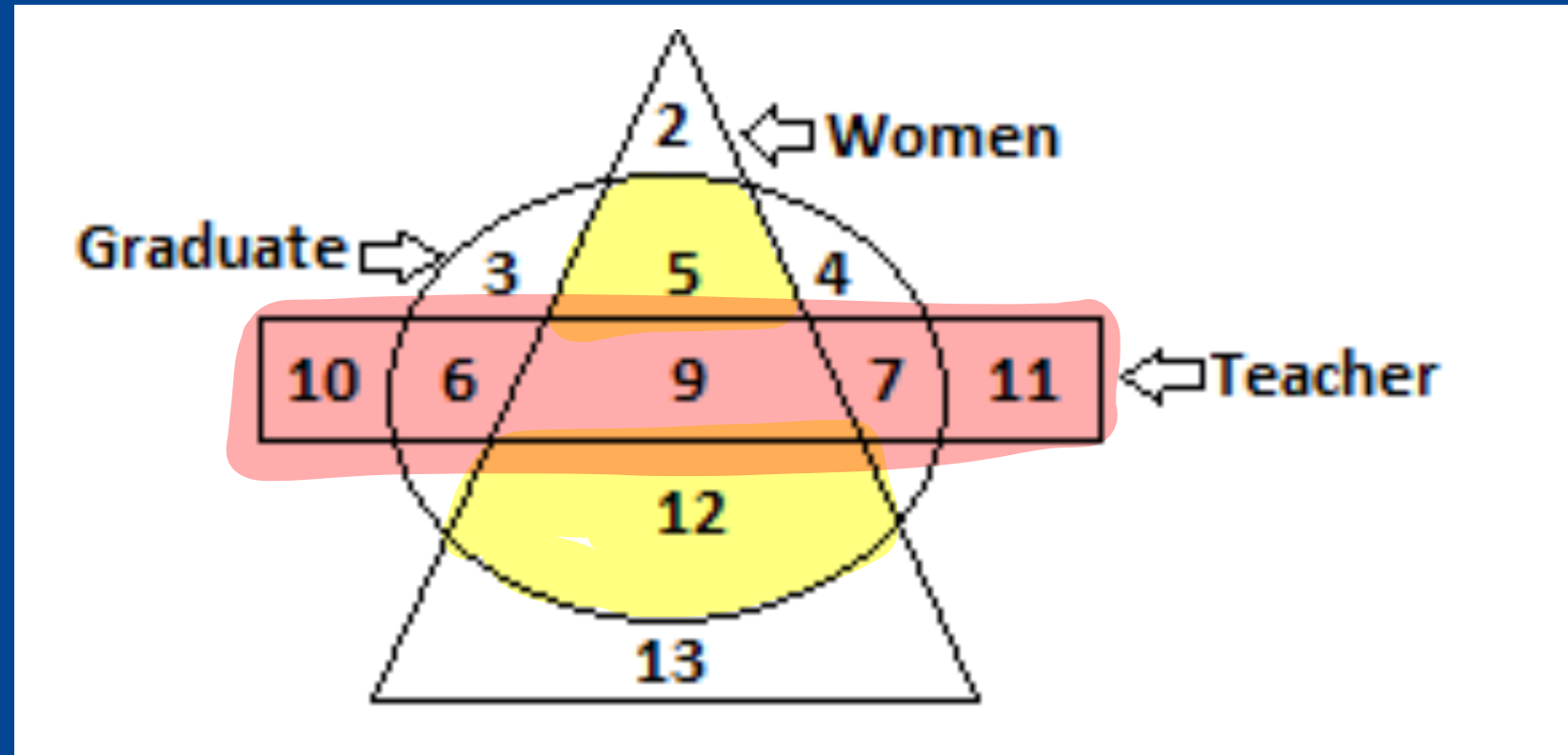
- (a) 13 (b) 19 (c) ~~11~~ (d) 10





How many women graduates are not teachers?

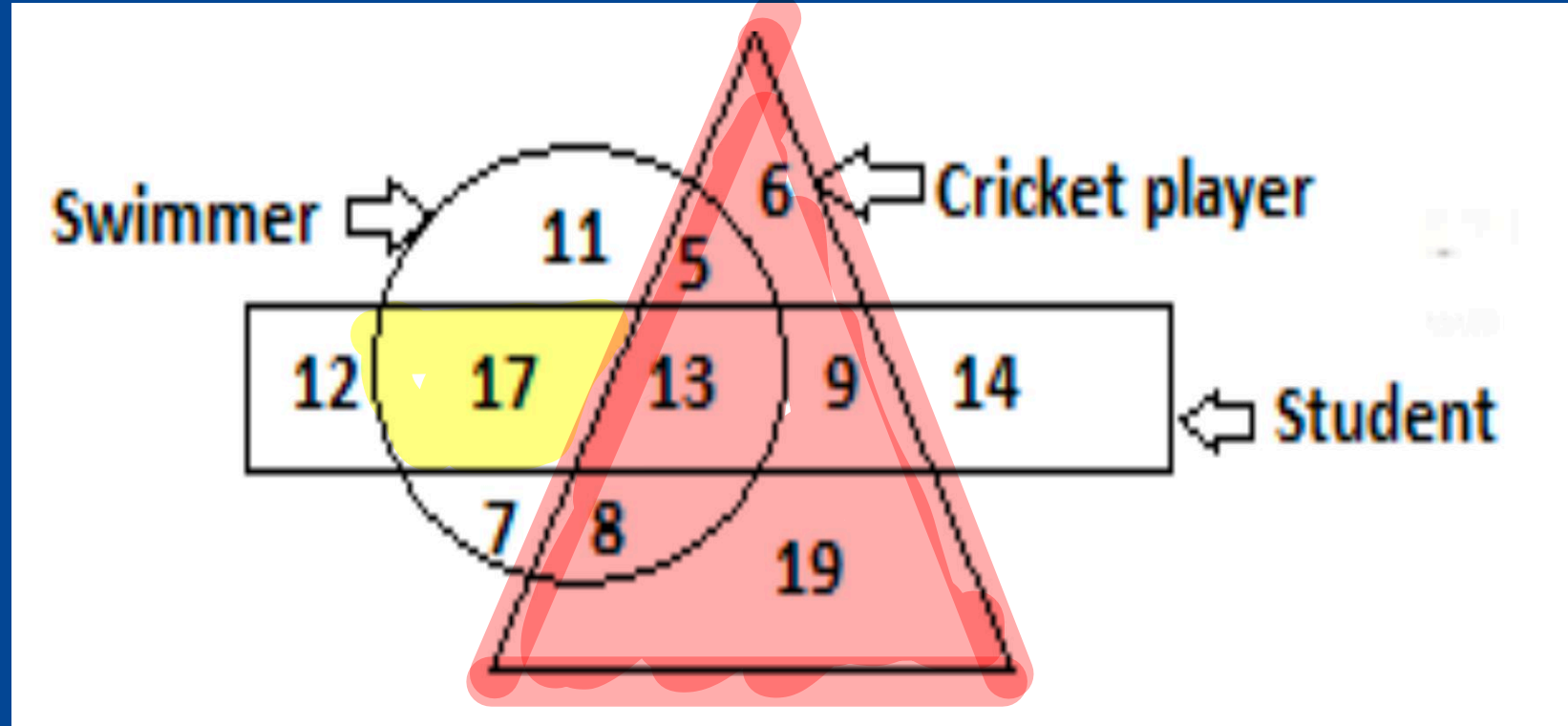
- (a) 9 (b) 12 (c) 17 (d) 5





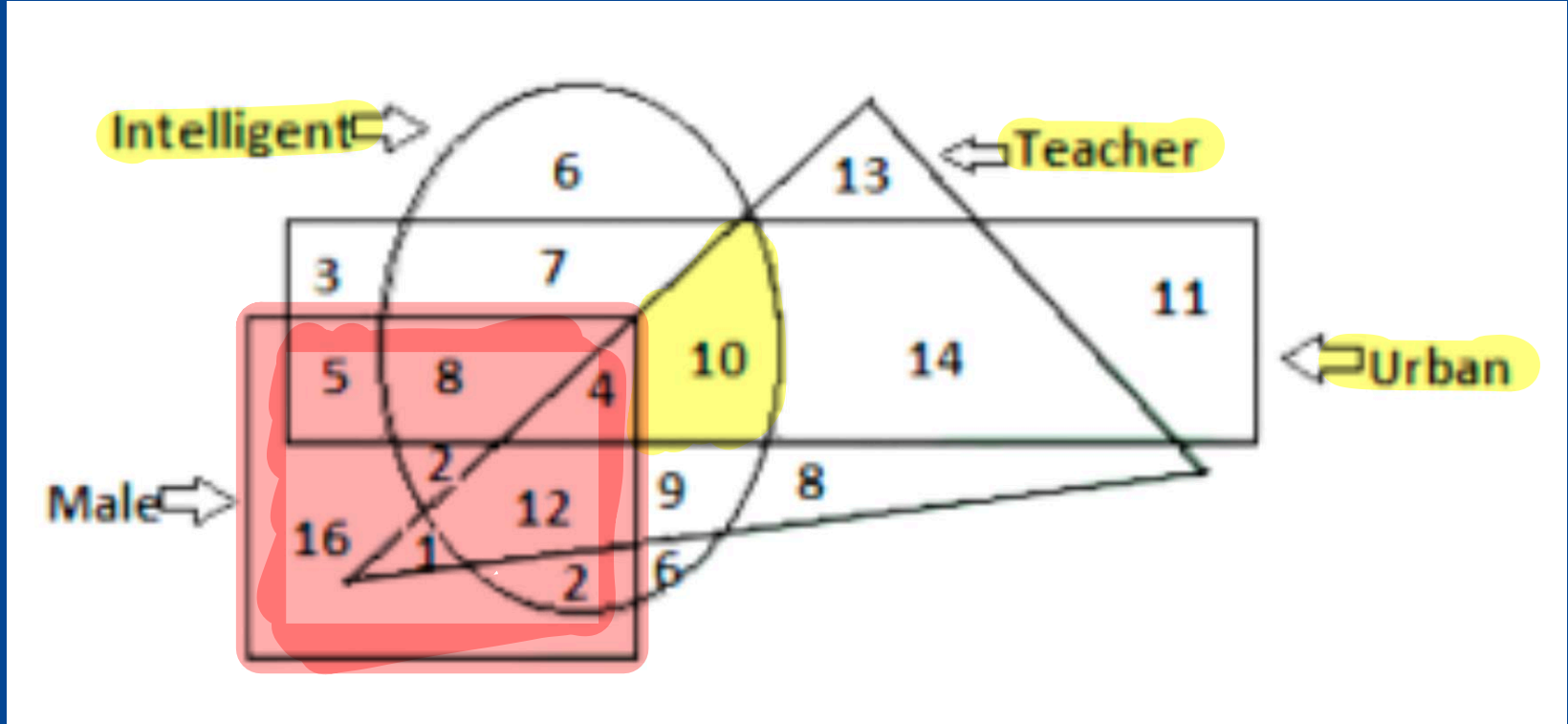
How many students are swimmers but not cricket players?

- ~~(a)~~ 17 (b) 8 (c) 13 (d) 18





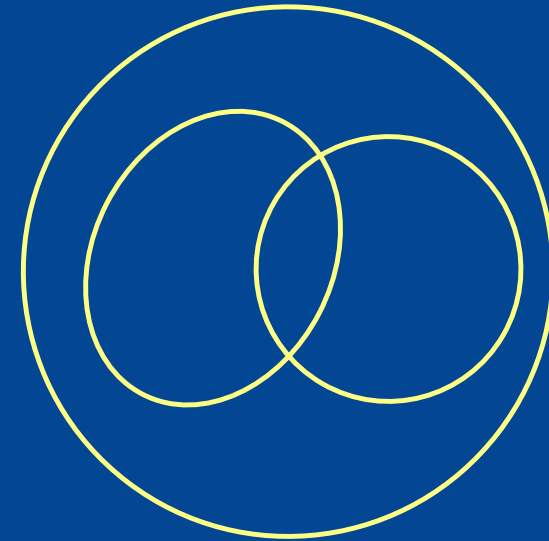
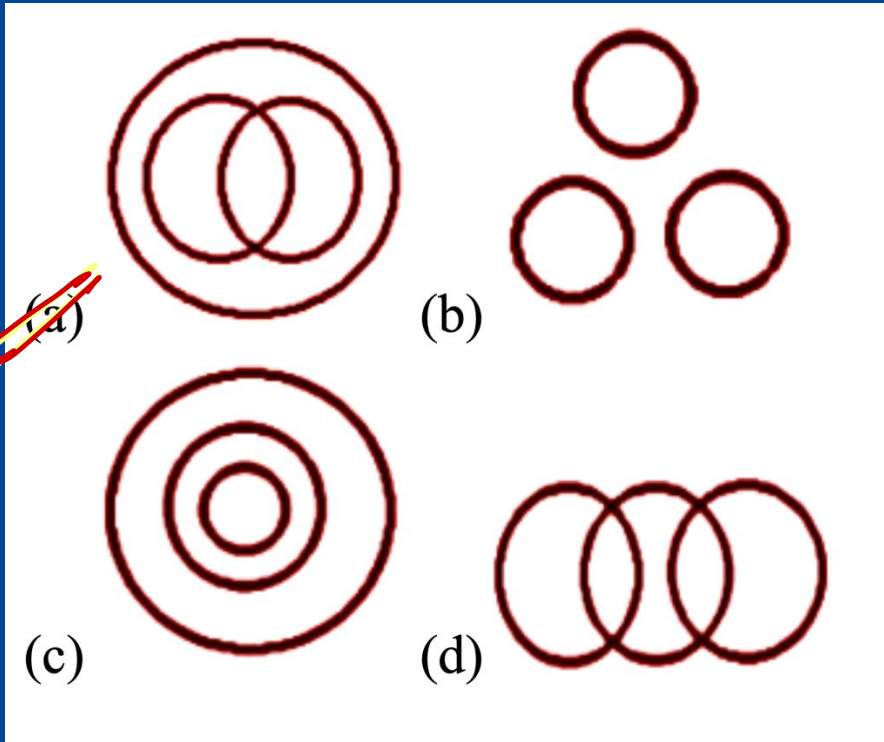
How many urban intelligent teachers are not male?
(a) 12 (b) 14 (c) ~~10~~ (d) 4





Choose the venn diagram from the given options that best represents the relationship amongst the following classes:

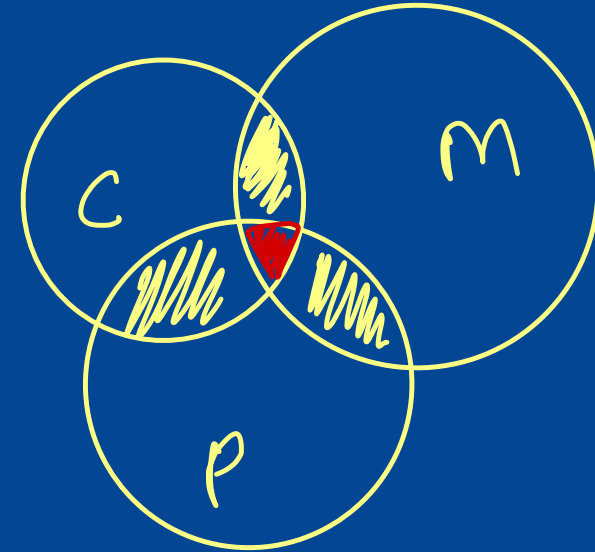
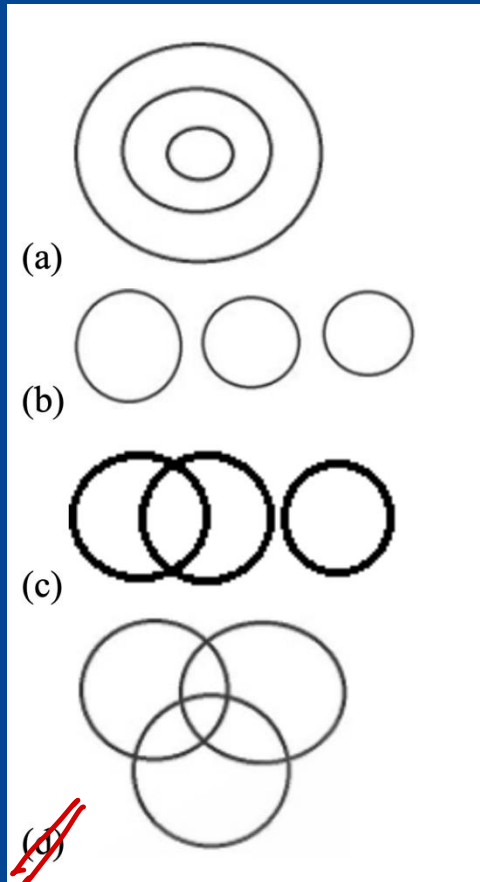
Mothers, Doctors, Homo Sapiens





Choose the Venn diagram from the given options that best represents the relationship amongst the following classes:

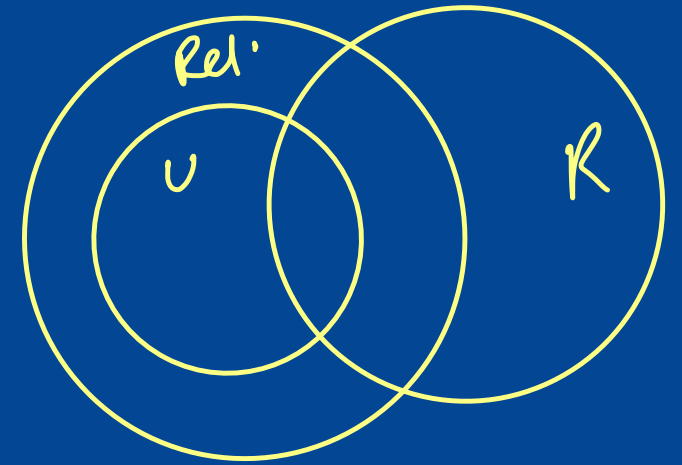
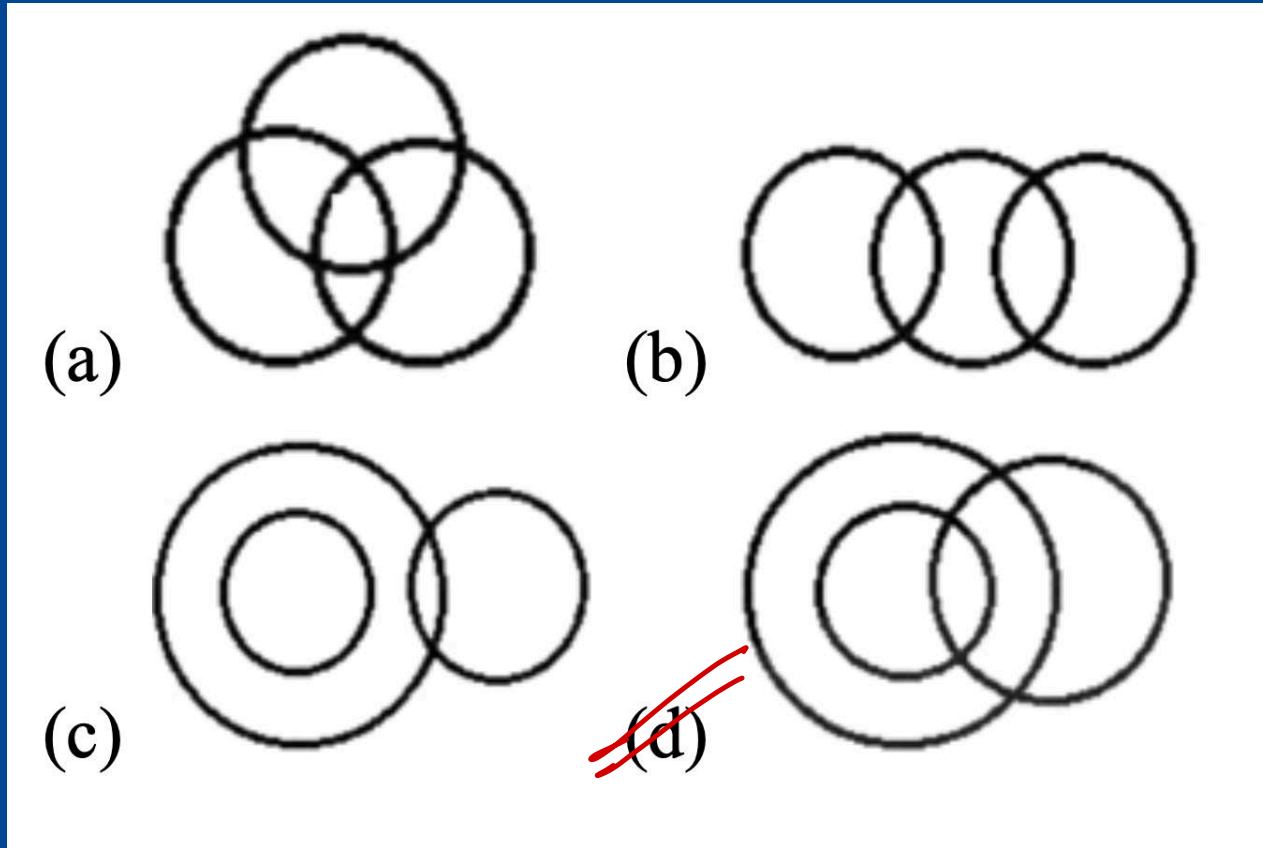
Clerk, Male, Permanent Employee





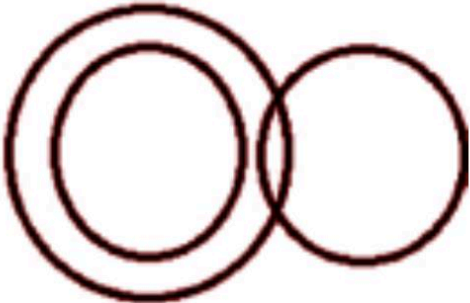
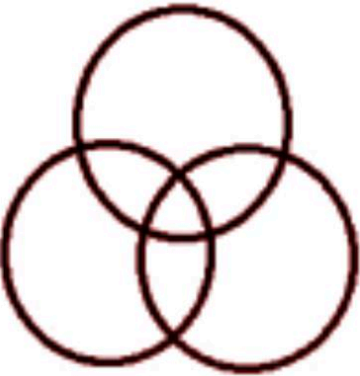
Select the venn diagram that best illustrates the relationship between the following classes.

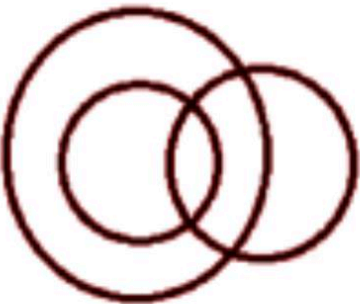
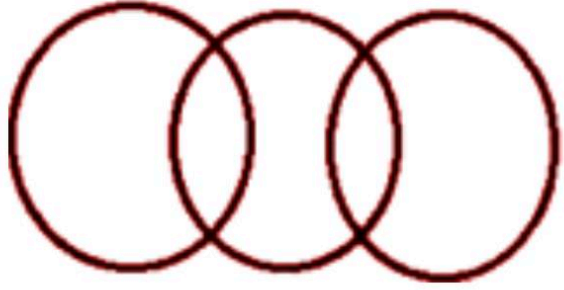
Uncle, Relatives, Rich

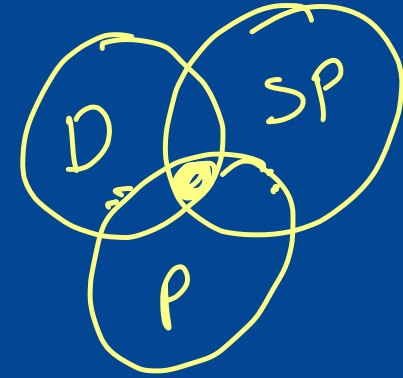




Select the Venn diagram that best illustrates the relationship between the following classes.
Doctors, Salaried Persons, Parents

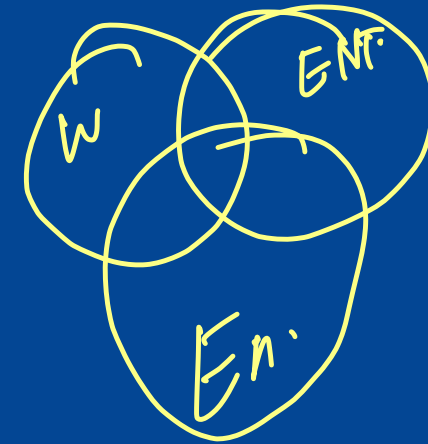
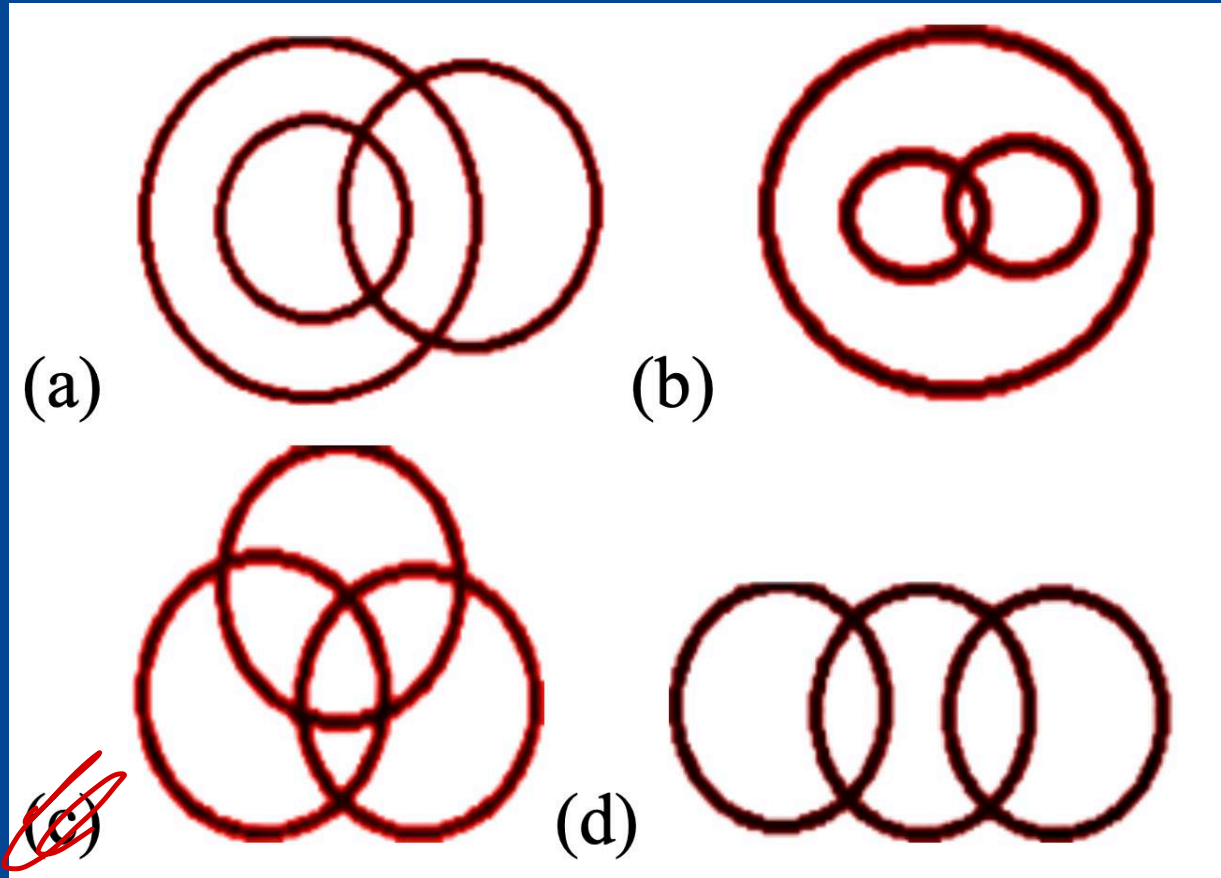
(a)  (b) 

(c)  (d) 





Choose the venn diagram that best illustrates the relationship among the following classes :
Women , Entrepreneurs , Engineers

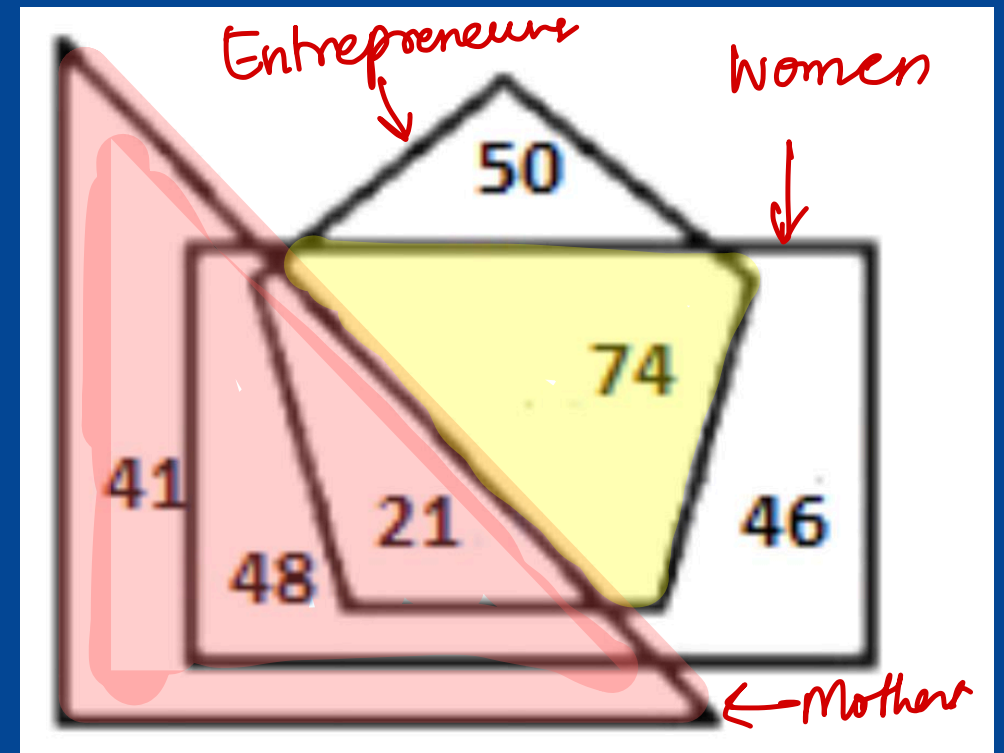




In the given venn diagram, the rectangle represents 'Women', the pentagon represents 'Entrepreneurs' and the triangle represents 'Mothers'. The number given in the diagram represents the number of persons in that particular category.

How many women are entrepreneurs but NOT mothers?

- (a) 21 (b) ~~74~~ (c) 50 (d) 46

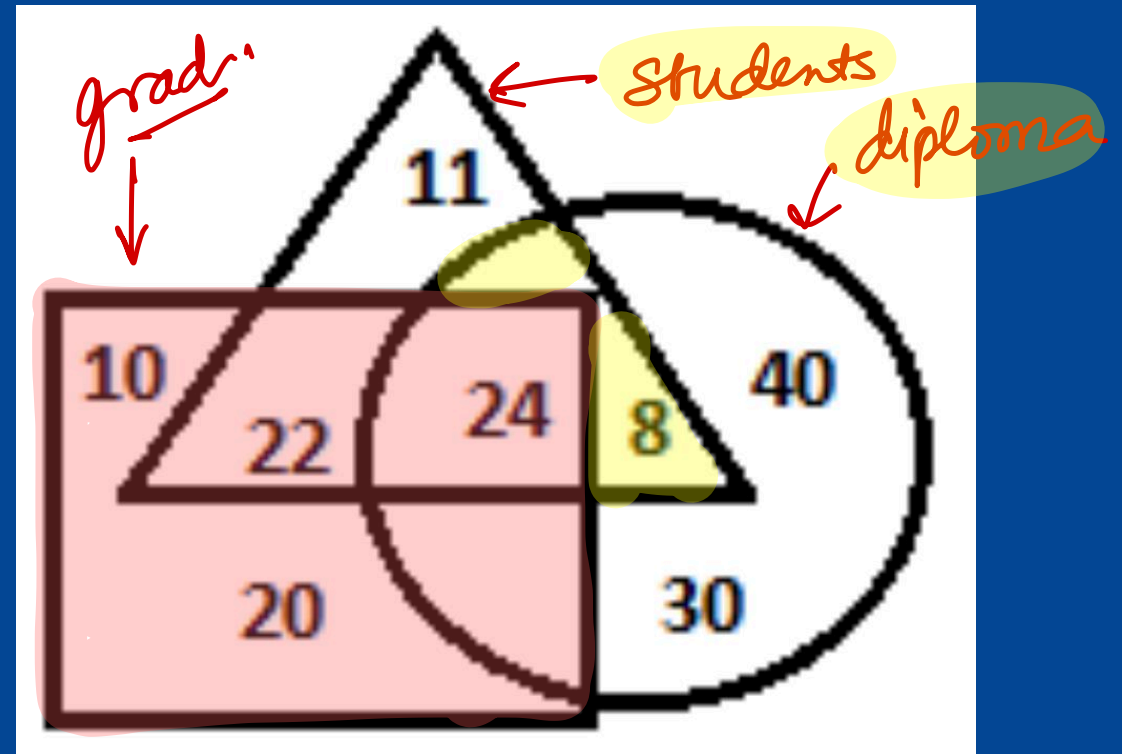




In the Venn diagram shown here, the triangle represents 'students', the circle represents 'diploma holders' and the quadrilateral represents 'graduates'. The numbers given in the diagram represent the number of persons of that particular category.

How many students are diploma holders but NOT graduates?

- ~~(a) 8~~
- (b) 11
- (c) 40
- (d) 30

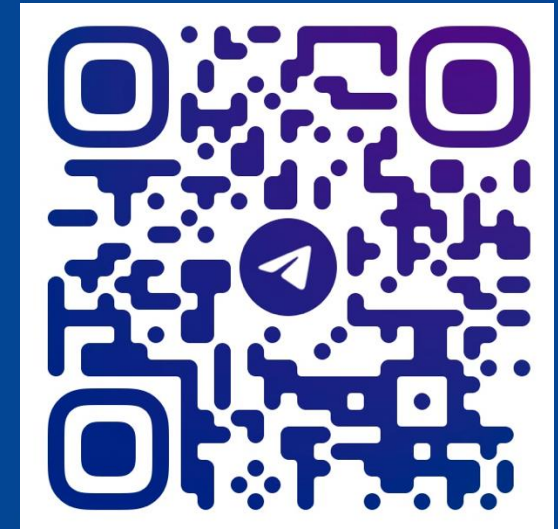




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