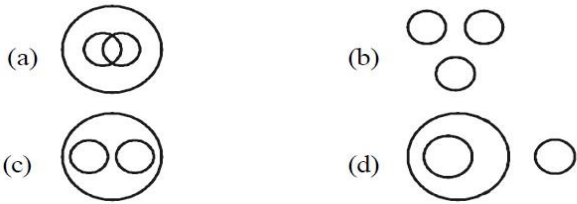


1. A, B and C are to make 100 toys. In a day, they can together make 25 toys. A starts to work alone and makes 32 toys in some days. A then leaves and B and C works to make the remaining toys. It takes 8 days overall to make the 100 toys. How many days will it take for A to make 256 toys alone?
a) 16 days b) 32 days c) 64 days d) 30 days
2. A can complete 50% of a job in 9 days and B can complete 25% of the job in 9 days if they worked alone. If they worked together how much of the job can they complete in 9 days?
3. P can do $(1/4)$ th of work in 10 days, Q can do 40% of work in 40 days and R can do $(1/3)$ rd of work in 13 days. Who will complete the work first?
a) P b) Q c) R d) Both P and R
4. Z can copy 80 pages in 20 hours. Z and Y together can copy 135 page in 27 hours. Then y can copy 20 pages in Z 20
a) 20 hours b) 3 hours c) 24 hours d) 12 hours
5. Ramesh and Rahman can do a work in 20 and 25 days respectively. After doing collectively 10 days of work, they leave the work due to illness and Suresh completes rest of the work in 3 days. How many days Suresh alone can take to complete the whole work?
a) 32 days b) 28 days c) 29 days d) 30 days
6. Working together A and B can do a job in 40 days, B and C in 36 days and all three together in 24 days. In how many days can B alone do the job?
a) 60 b) 90 c) 72 d) 120
7. A, B and C can do a job working alone in 50, 75 and 20 days respectively. they all work together for 4 days, then c quits. How many days will A and B take to finish the rest of the job?
a) 20 b) 30 c) 18 d) 24
8. A can do 50% of the job in 16 days, B can do $1/4$ th in 24 days. In how many days can they do $3/4$ th of the job working together?
a) 24 b) 9 c) 21 d) 18
9. A and B can together complete a task in 18 hours. After 6 hours A leaves. B takes 36 hours to finish rest of the task. How many hours would A have taken to do the task if he worked alone?
a) 54 b) 45 c) 21 d) 27
10. A, B and C can do job in 9, 12 and 36 days respectively if they worked alone. A leaves after they have worked together for 3 days. In how many can B and C do the rest of the job
| a) 3 b) 4 c) 5 d) 6
11. If A, B and C together do a job in 4 day, A and C together do the job in 4.5 days and B and C together do the job in 12 days then in how many days can C alone do the job?
a) 36 b) 6 c) 18 d) 12
12. If A, B and C can do a job working alone in 12, 18 and 36 days respectively. The all work together for 2 day, then B quits. How many days will A and C take to finish rest of the job?
a) 9 b) 6 c) 3 d) 4
13. Working alone A can do the task in 27 hour and B can do it in 54 hours. find C's share if A, B and C get paid Rs4,320 for completing a task in 12 hours on which they worked together.
a) 1440 b) 960 c) 1920 d) 1280
14. A can paint a house in 55 days and B can do it in 66 days. Along with C, they did the job in 12 days only, then C alone can do the job in how many days?
a) 24 b) 44 c) 33 d) 20
15. A, B and C together can finish a task in 12 days. A is twice as productive as B and C alone can do the task in 36 days. in how many days can a and B do the task is c goes on leave
a) 10 b) 20 c) 15 d) 18
16. A is thrice as good a workman as B. C alone takes 48 days to paint a house. All three A, B and C working together take 16 days to paint the house. It will take how many days for B alone to paint the house?
a) 32 b) 64 c) 96 d) 72
17. C is 5 times as productive as B. A takes 60 days to complete a task. If A, B and C work together they can complete the task in 12 days, In how many days can B complete the task if he worked alone?
a) 18 b) 27 c) 90 d) 72
- 18 Working together A and B can do a job in 36 days, B and C in 10 days and all three together in 9 days. In how many days can B alone do the job?
a) 90 b) 30 c) 24 d) 60
19. A, B and C together can build a wall in 12 days. C is four times as productive as B and A alone can build the wall in 48 days. In how many days A and B working together can build the wall?
- Which of the following diagrams indicates the best relation between Sun, Planets and Earth?
- (a) (b) (c) (d)

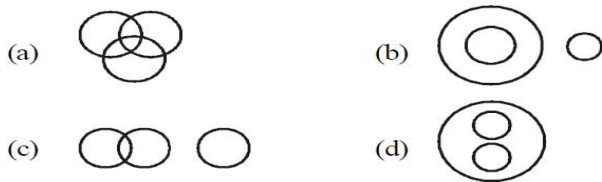
2.

Which of the following diagrams indicates the best relation between Mountains, Earth and Forests?



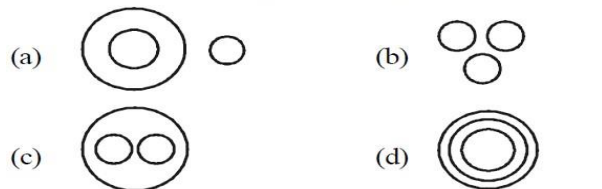
3.

Which of the following diagrams indicates the best relation between Judge, Thieves and Criminals?



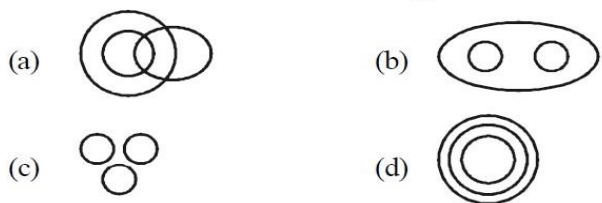
4.

Which of the following diagrams indicates the best relation between Author, Lawyer and Singer?



5.

Which of the following diagrams indicates the best relation between Women, Mothers and Engineers?



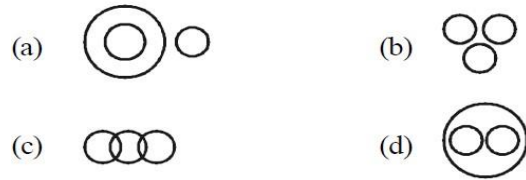
6.

Which of the following diagrams indicates the best relation between Iron, Lead and Nitrogen?



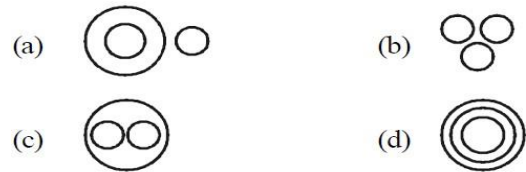
7.

Which of the following diagrams indicates the best relation between Earth, Sea and Sun ?



8.

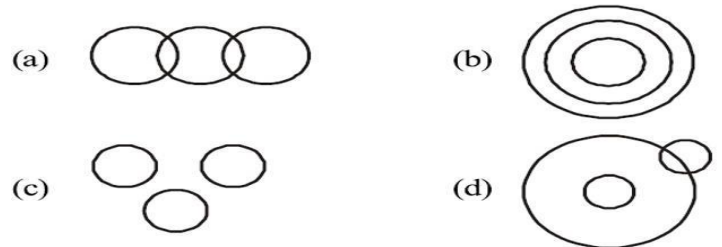
Which of the following diagrams indicates the best relation between India, Haryana and World ?



9.

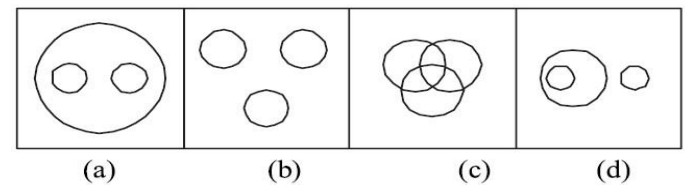
Indicate which figure will best represent the relationship amongst the three :

Christians, Catholics, Pope



10.

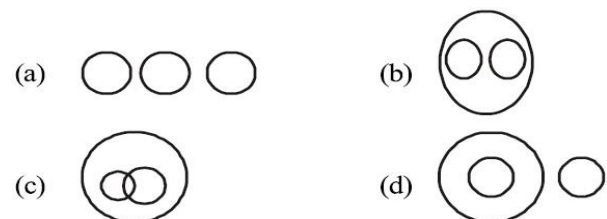
Find out the figure which best represents the relationship among Garden, Rose and Jasmine.



11.

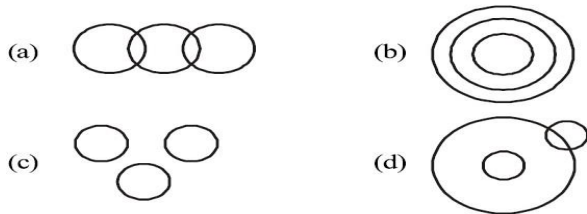
Indicate which figure will best represent the relationship amongst the three :

Legumes Seeds, Peas, Kidney Beans



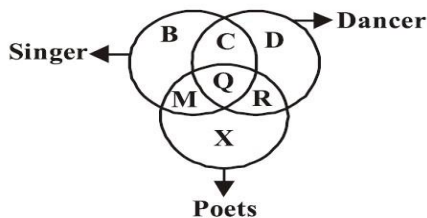
12.

Find out which of the diagrams given in the alternatives correctly represents the relationship stated in the question. Sharks, Whales, Turtles



13.

The following diagram represents the students who are singers, dancers and poets.

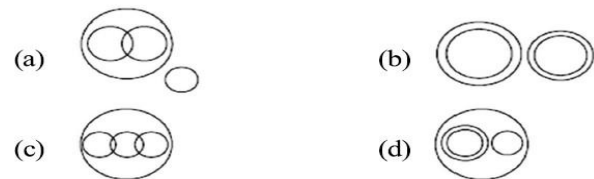


Study the diagram and identify the region which represents the students who are both poets and singers but not dancers.

- (a) B+C+D
- (b) M
- (c) Q+R
- (d) R+X

14.

Which one of the following diagram represents the correct relationship among Brain, Cerebrum, Liver and Human body.



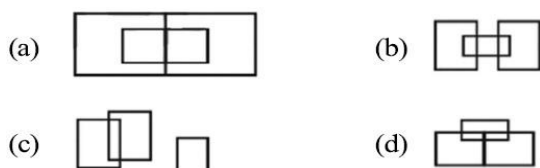
15.

Which one of the following diagram represents the correct relationship among Pink, Blue and Fruit.



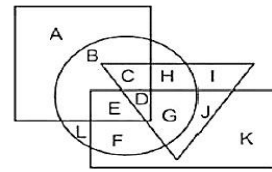
16.

Which one of the following diagram represents the correct relationship among Professor, Male and Female.



17.

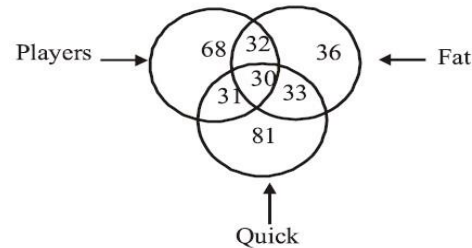
In the following figure, rectangle represents Opticians, circle represents Art critics, triangle represents Riders and square represents Boxes. Which set of letters represents Art critics who are not Riders?



- (a) BLEF
- (b) IJ
- (c) CHDG
- (d) EDGJ

18.

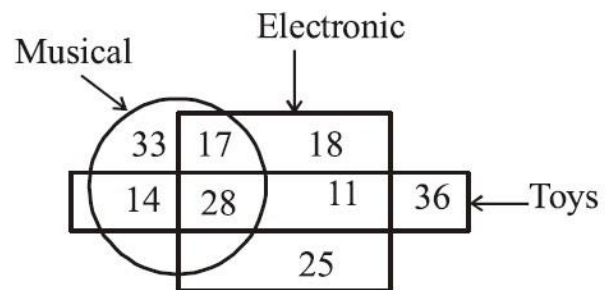
In the given figure, how many players are quick and fat?



- (a) 31
- (b) 30
- (c) 32
- (d) 33

19.

In the given figure, how many are musical toys?



- (a) 53
- (b) 61
- (c) 42
- (d) 45

20.

Which of the following diagrams represents the correct relationship between Doctors, Specialist Doctors and Patients?

