



## Completing Venn Diagrams: 3 Sets

Grade 5

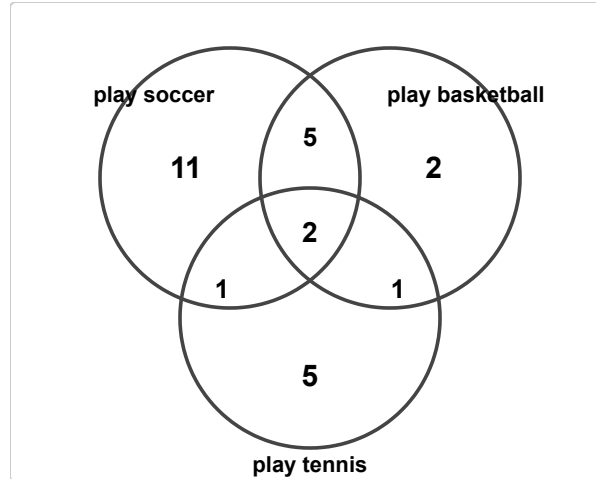
Name: \_\_\_\_\_

Calculate the missing number.

Look at the 'Total' for the circle and subtract the known parts to find the missing piece.

**Example:** Total Red Circle: 20. Known parts: 5, 4, 3. Missing part =  $20 - 5 - 4 - 3 = 8$ .

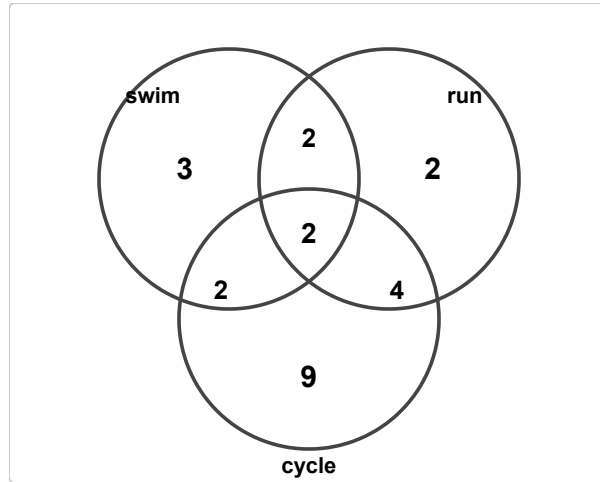
(1) How many students are in "play soccer" only?



(A) 9   (B) 10   (C) 11   (D) 12

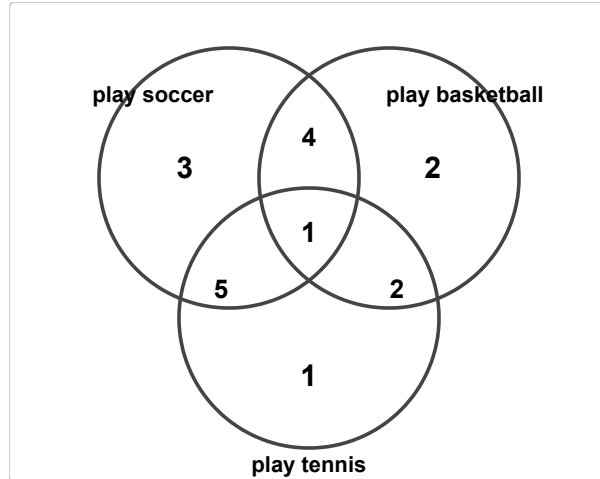


(2) How many students are in "run" only?



- (A) 0 (B) 1 (C) 2 (D) 3

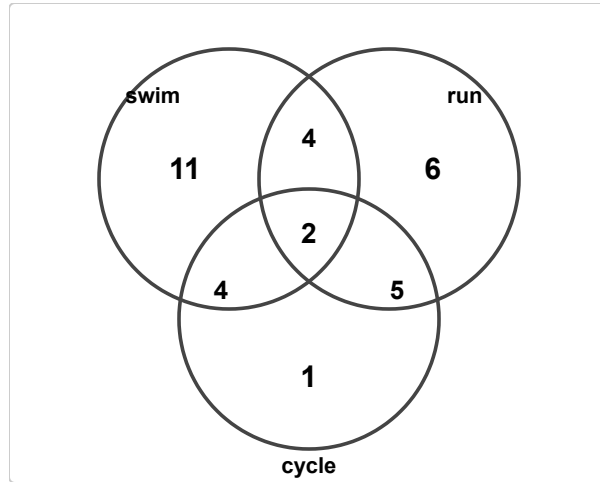
(3) How many students are in "play tennis" only?



- (A) 0 (B) 1 (C) 2 (D) 3

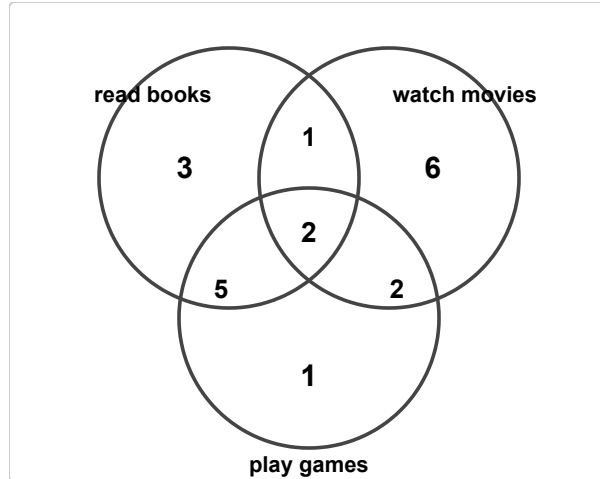


(4) How many students are in all three groups?



- (A) 0 (B) 1 (C) 2 (D) 3

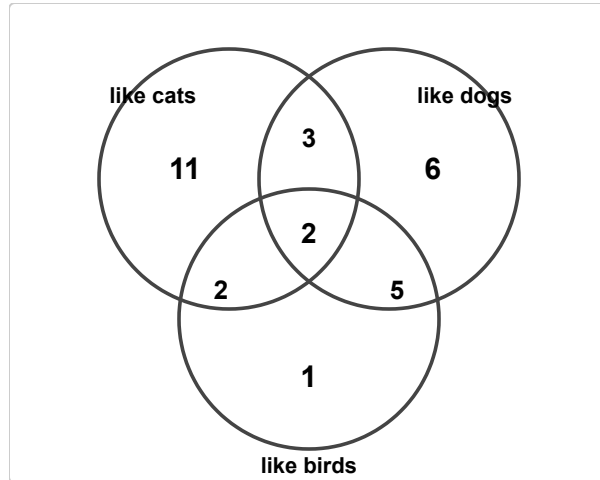
(5) How many students are in both "read books" and "watch movies"?



- (A) 1 (B) 2 (C) 3 (D) 4

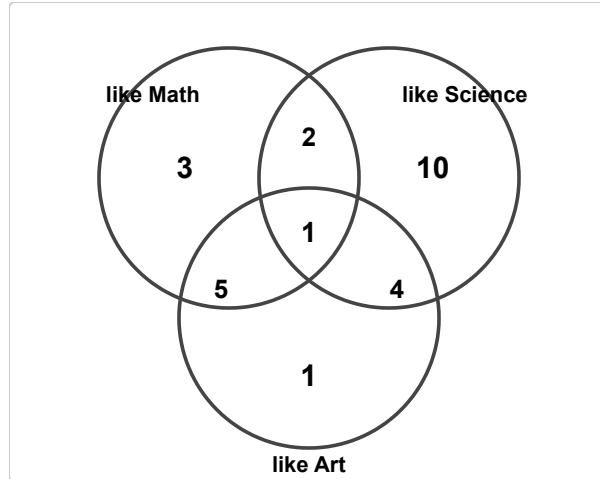


(6) How many students are in "like cats" in total?



- (A) 16 (B) 17 (C) 18 (D) 19

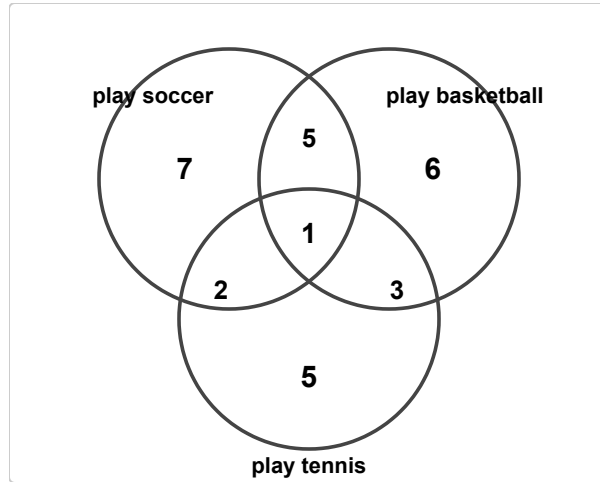
(7) How many students are in at least one group?



- (A) 24 (B) 25 (C) 26 (D) 27

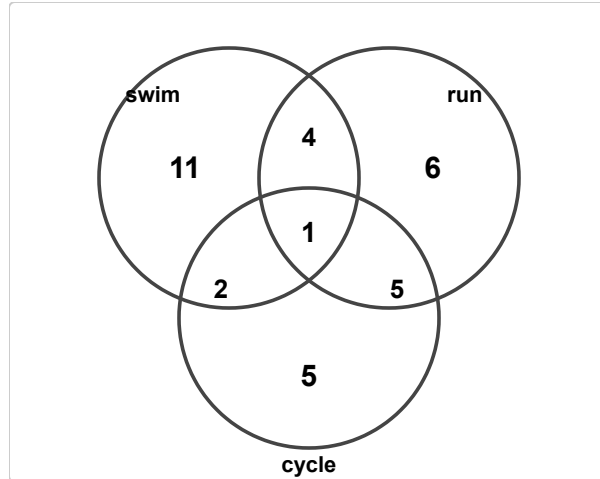


(8) How many students are in exactly one group?



- (A) 16 (B) 17 (C) 18 (D) 19

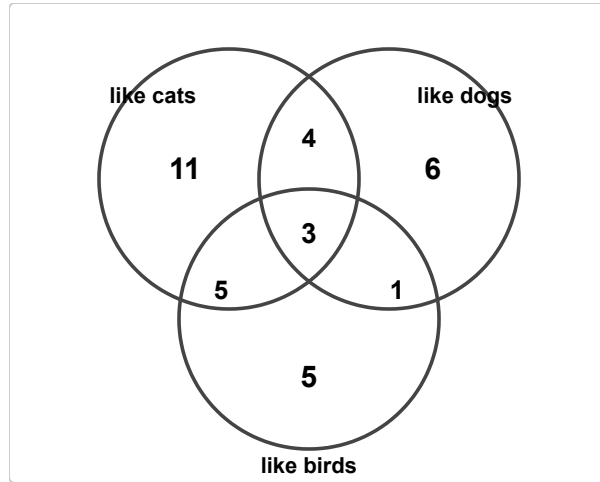
(9) How many students are in "swim" only?



- (A) 9 (B) 10 (C) 11 (D) 12

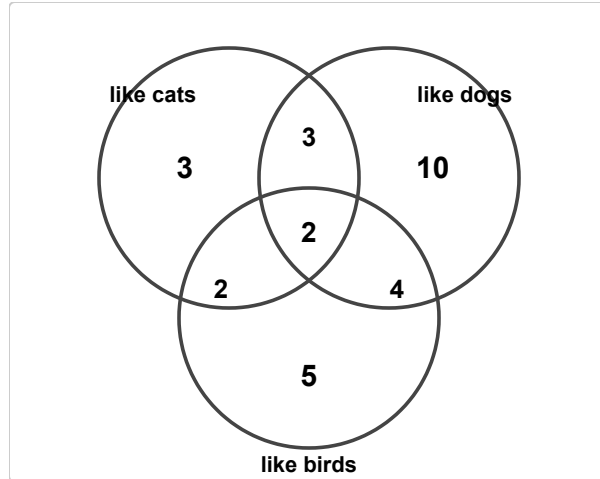


(10) How many students are in "like dogs" only?



- (A) 4 (B) 5 (C) 6 (D) 7

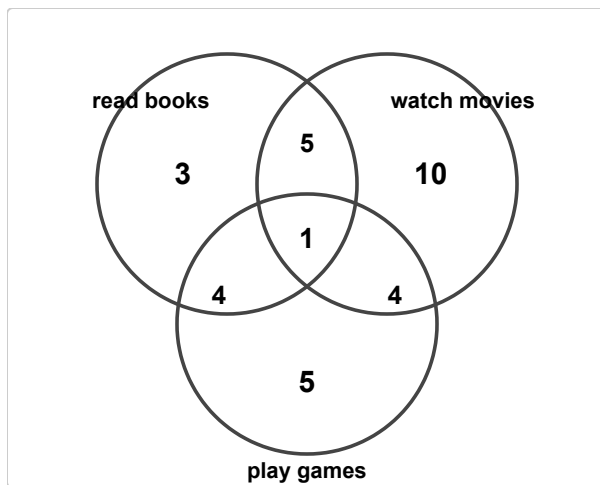
(11) How many students are in "like birds" only?



- (A) 3 (B) 4 (C) 5 (D) 6



(12) How many students are in all three groups?



- (A) 0 (B) 1 (C) 2 (D) 3

