



Completing Venn Diagrams: 3 Sets

Grade 4

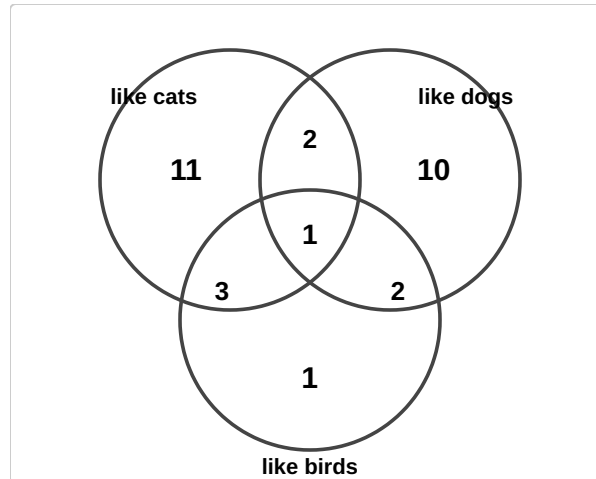
Name: _____

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 = $20 - 5 - 4 - 3 = 8$.

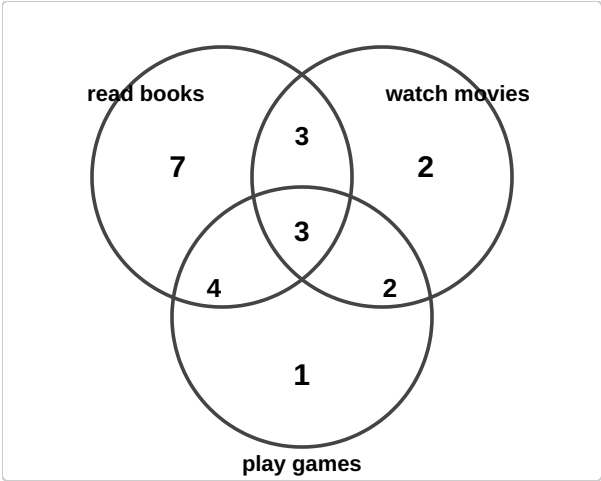
(1) How many students are in "like cats" only?



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

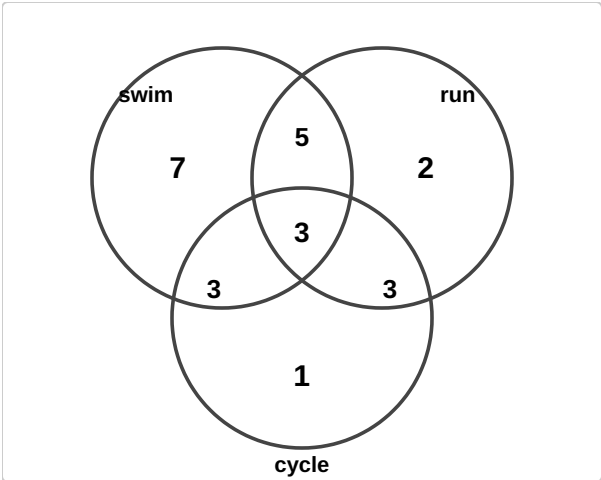


(2) How many students are in "watch movies" only?



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

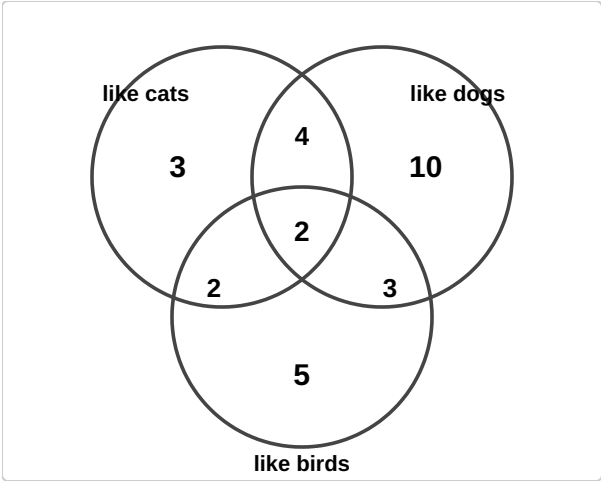
(3) How many students are in "cycle" only?



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

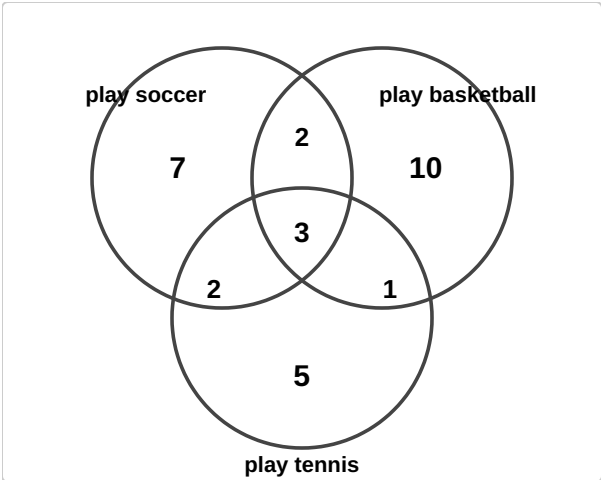


(4) How many students are in all three groups?



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

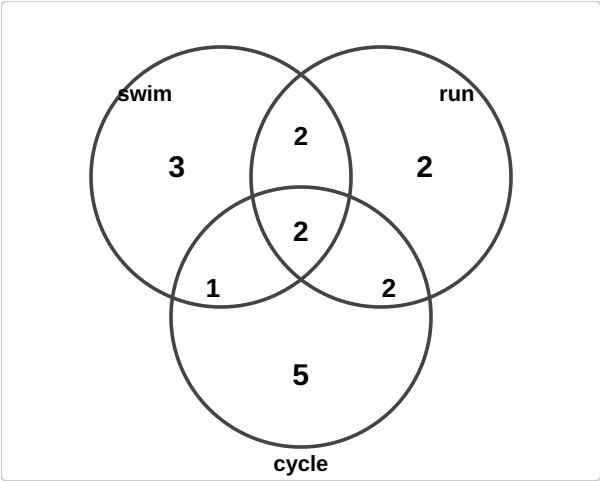
(5) How many students are in both "play soccer" and "play basketball"?



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

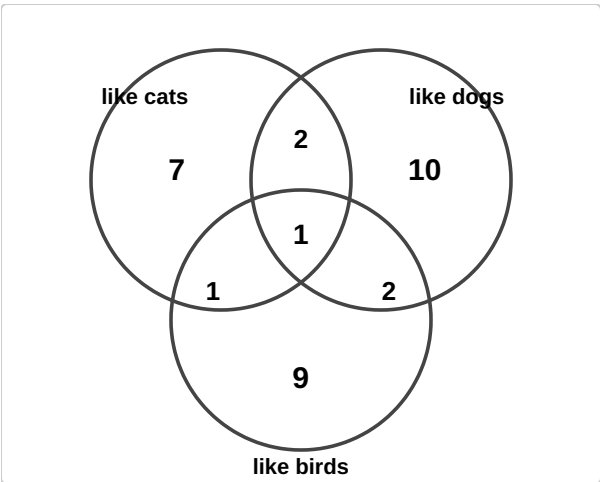


(6) How many students are in "swim" in total?



- (A) 6 (B) 7 (C) 8 (D) 9

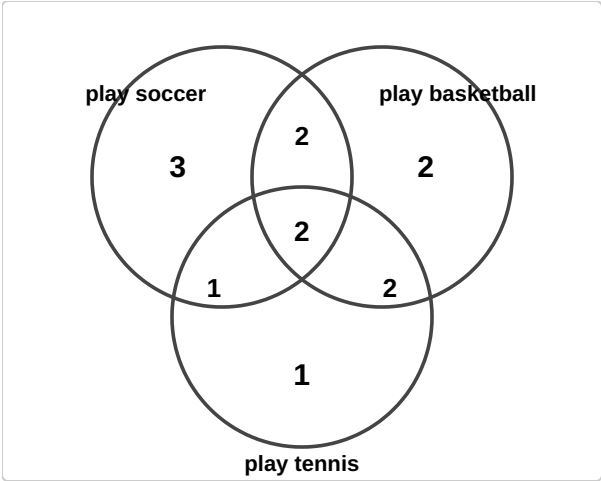
(7) How many students are in at least one group?



- (A) 32 (B) 33 (C) 34 (D) 35

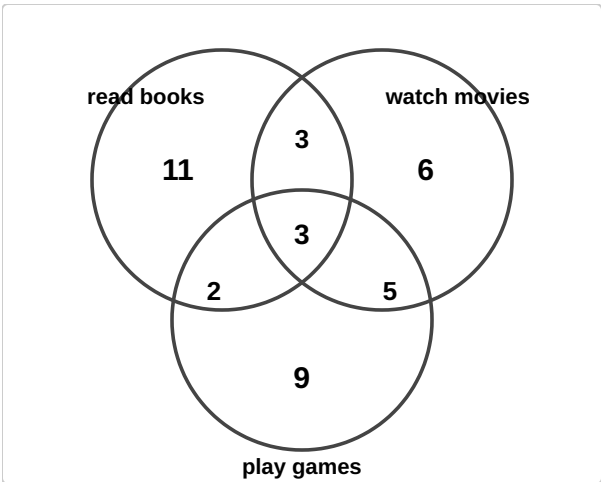


(8) How many students are in exactly one group?



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

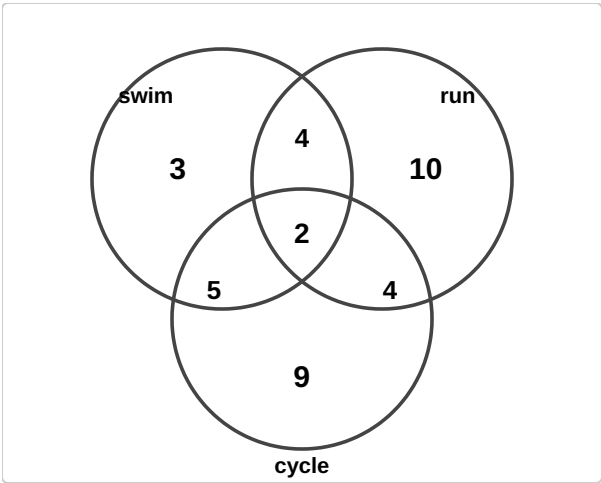
(9) How many students are in "read books" only?



- (A) 8 (B) 9 (C) 10 (D) 11

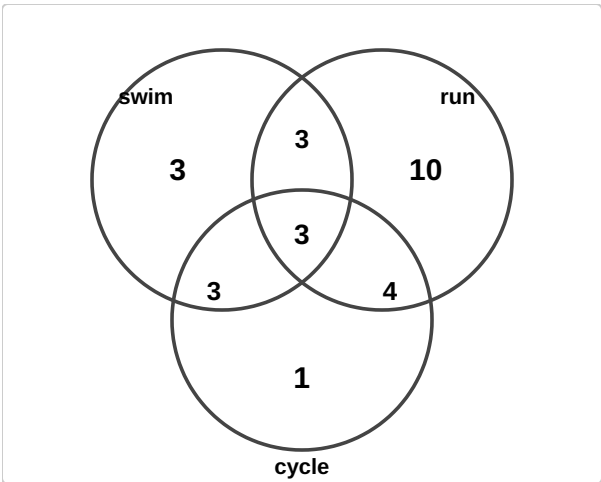


(10) How many students are in "run" only?



- (A) 10 (B) 11 (C) 12 (D) 13

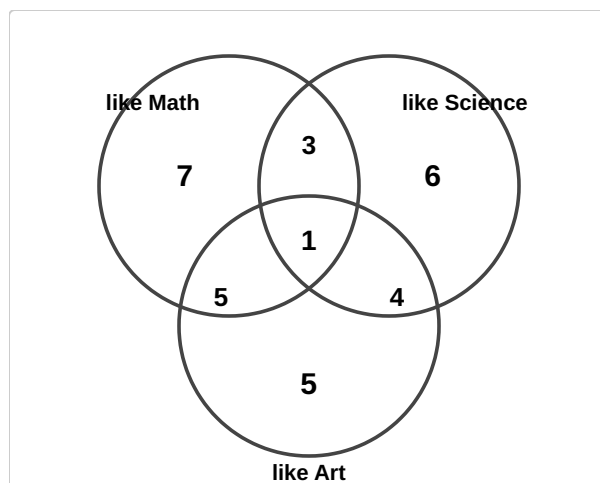
(11) How many students are in "cycle" only?



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



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



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

