



Completing Venn Diagrams

Grade 5

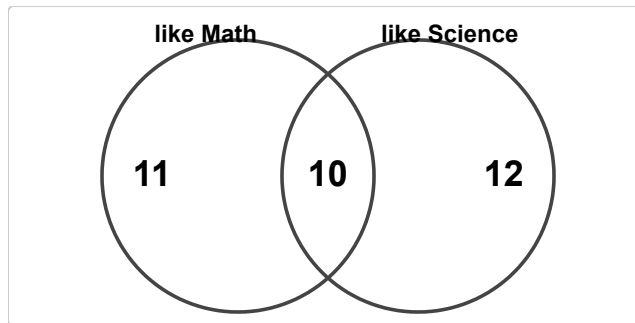
Name: _____

Find the missing number marked with ?.

Use the clues to fill in the Venn diagram. Remember: 'Total' includes the middle part!

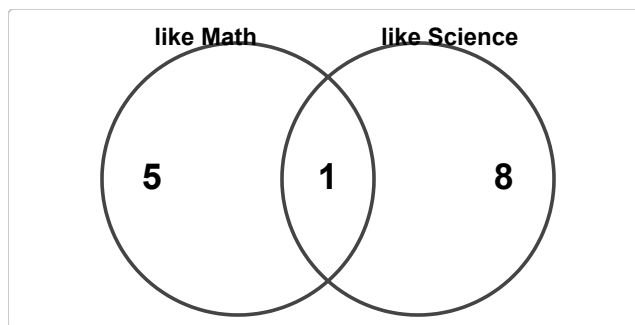
Example: Total Apples: 10. Both: 3. Apples Only = $10 - 3 = 7$.

- (1) The Venn diagram shows how many students like Math or like Science. How many students are in "like Math" only?



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

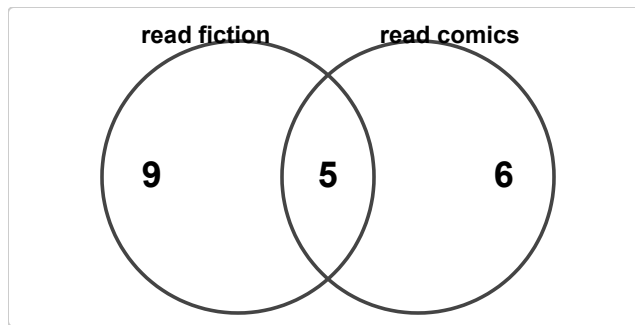
- (2) The Venn diagram shows how many students like Math or like Science. How many students are in "like Science" only?



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

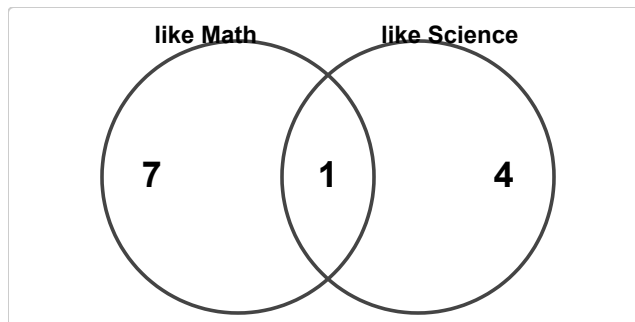


(3) The Venn diagram shows how many students read fiction or read comics. How many students are in both groups?



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

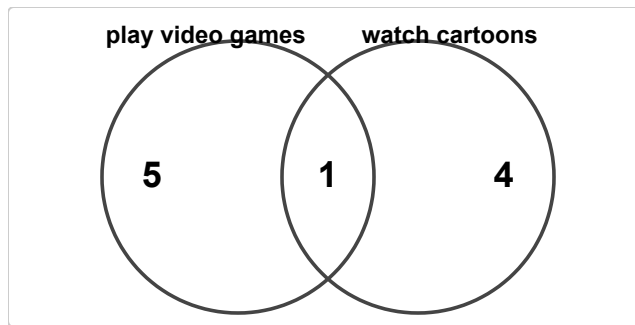
(4) The Venn diagram shows how many students like Math or like Science. How many students like Math?



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

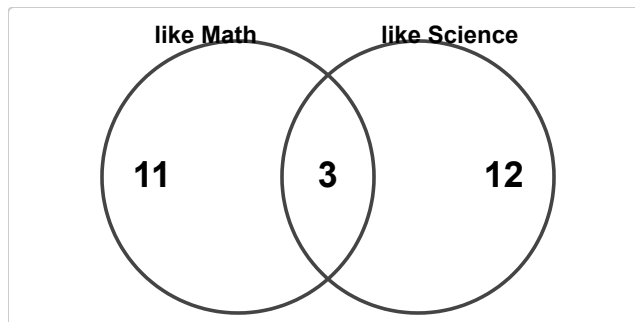


(5) The Venn diagram shows how many students play video games or watch cartoons. How many students watch cartoons?



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

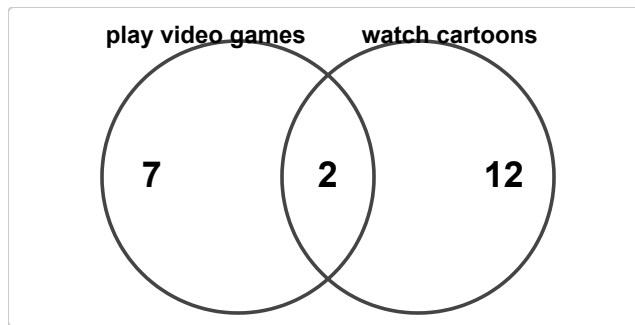
(6) The Venn diagram shows how many students like Math or like Science. How many students are in at least one group?



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

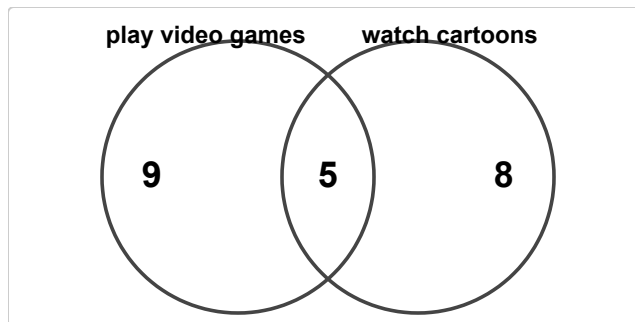


(7) The Venn diagram shows how many students play video games or watch cartoons. How many students are in exactly one group?



- (A) 17 (B) 18 (C) 19 (D) 20

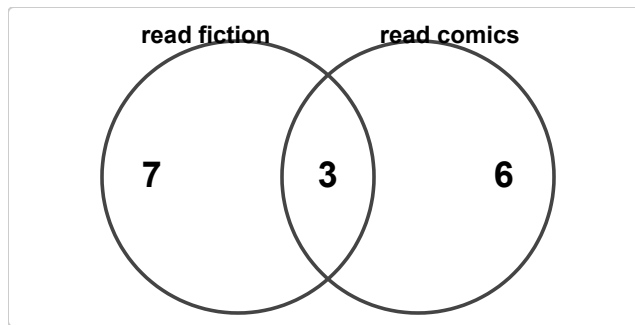
(8) The Venn diagram shows how many students play video games or watch cartoons. How many more students play video games than watch cartoons?



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

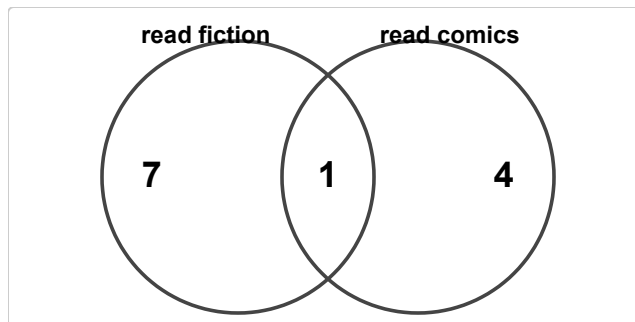


(9) The Venn diagram shows how many students read fiction or read comics. How many students are in "read fiction" only?



- (A) 5 (B) 6 (C) 7 (D) 8

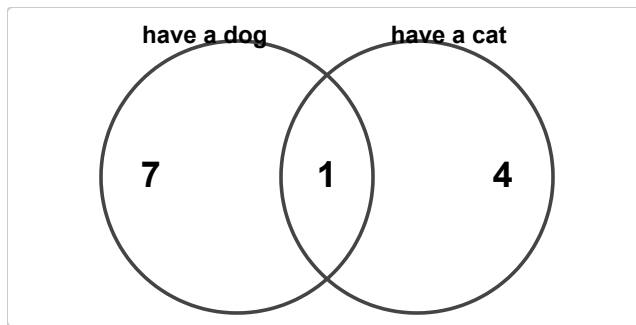
(10) The Venn diagram shows how many students read fiction or read comics. How many students are in "read comics" only?



- (A) 2 (B) 3 (C) 4 (D) 5

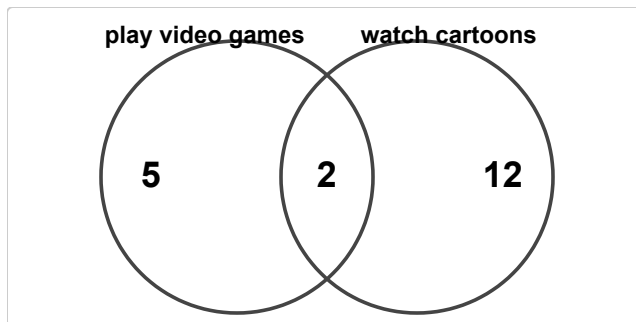


(11) The Venn diagram shows how many students have a dog or have a cat. How many students are in both groups?



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

(12) The Venn diagram shows how many students play video games or watch cartoons. How many students play video games?



- (A) 5 (B) 6 (C) 7 (D) 8

