



Completing Venn Diagrams

Grade 4

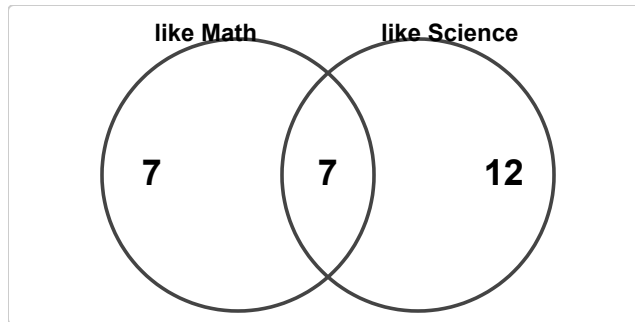
Name: _____

Find the missing number marked with ?.

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

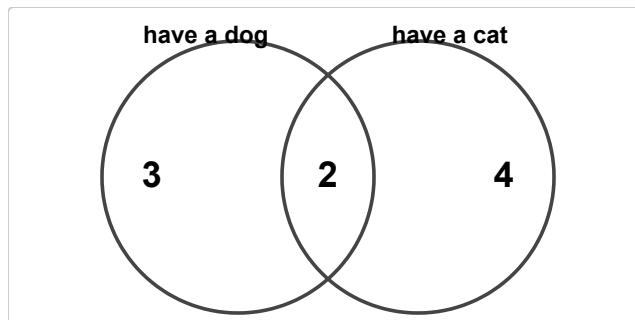
Example: Total Apples: 10. Both: 3. Apples Only = $10 - 3 = 7$.

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



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

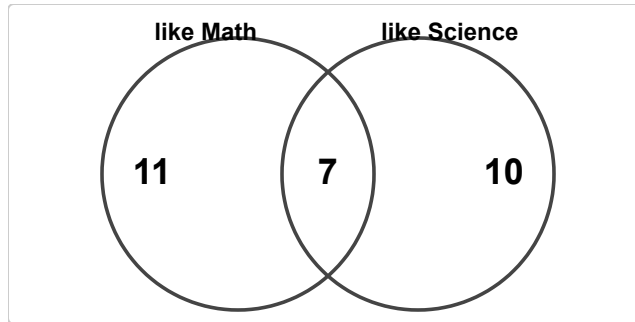
- (2) The Venn diagram shows how many students have a dog or have a cat. How many students are in "have a cat" only?



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

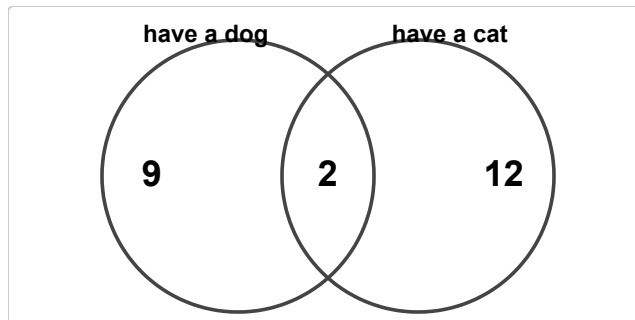


(3) The Venn diagram shows how many students like Math or like Science. How many students are in both groups?



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

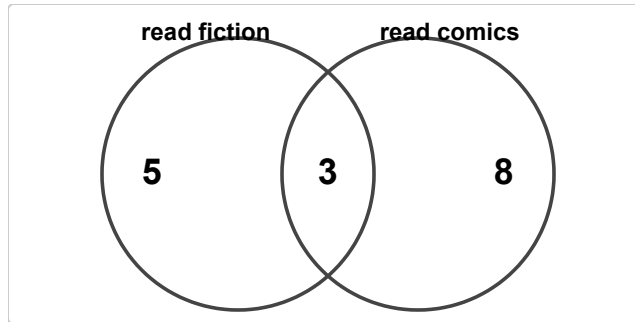
(4) The Venn diagram shows how many students have a dog or have a cat. How many students have a dog?



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

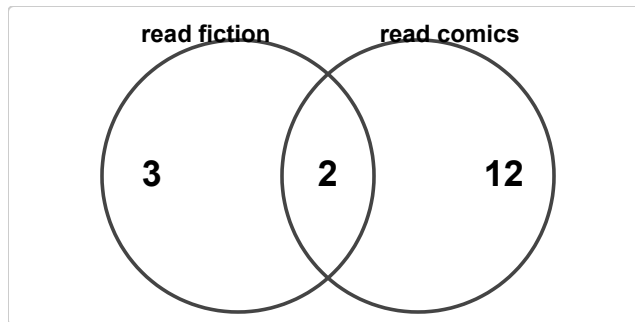


(5) The Venn diagram shows how many students read fiction or read comics. How many students read comics?



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

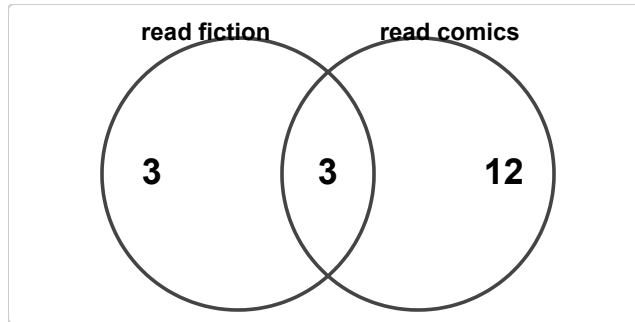
(6) The Venn diagram shows how many students read fiction or read comics. How many students are in at least one group?



- (A) 15 (B) 16 (C) 17 (D) 18

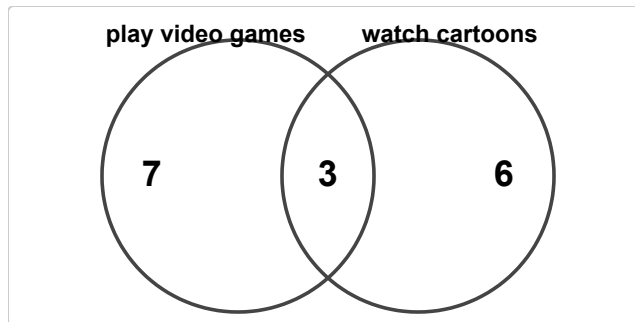


(7) The Venn diagram shows how many students read fiction or read comics. How many students are in exactly one group?



- (A) 13 (B) 14 (C) 15 (D) 16

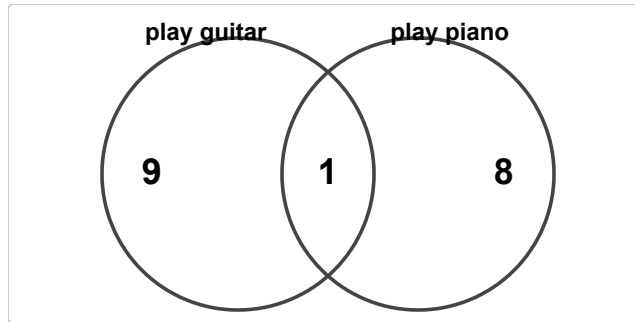
(8) The Venn diagram shows how many students play video games or watch cartoons. How many more students play video games than watch cartoons?



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

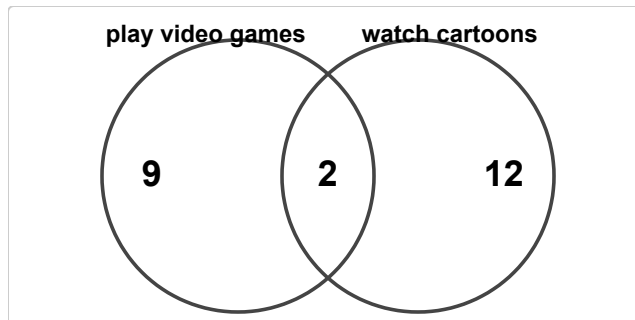


(9) The Venn diagram shows how many students play guitar or play piano. How many students are in "play guitar" only?



- (A) 7 (B) 8 (C) 9 (D) 10

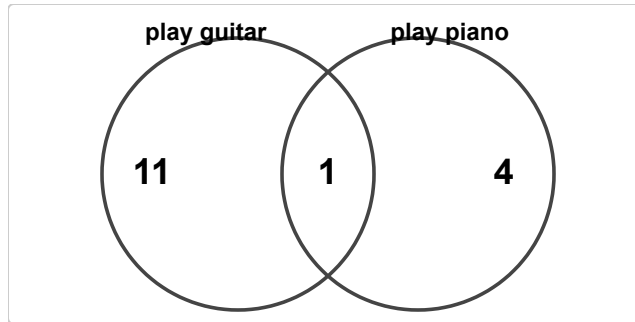
(10) The Venn diagram shows how many students play video games or watch cartoons. How many students are in "watch cartoons" only?



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

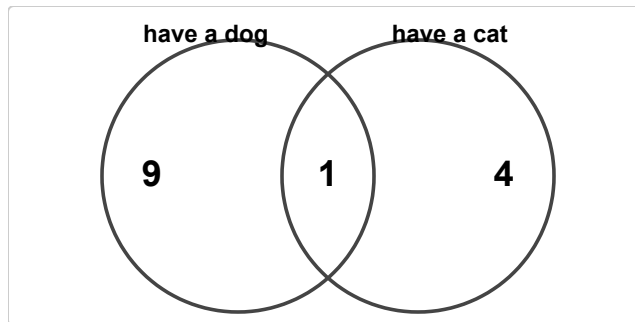


(11) The Venn diagram shows how many students play guitar or play piano. How many students are in both groups?



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

(12) The Venn diagram shows how many students have a dog or have a cat. How many students have a dog?



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

