



Completing Venn Diagrams

Grade 3

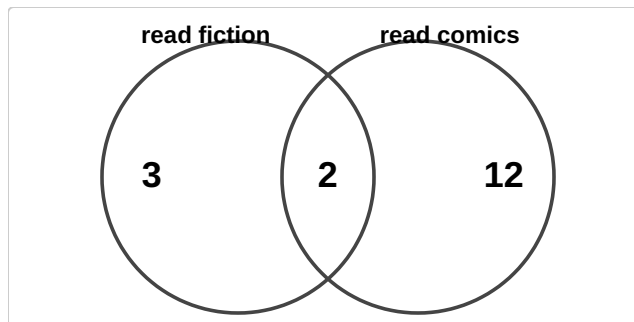
Name: _____

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 = $10 - 3 = 7$.

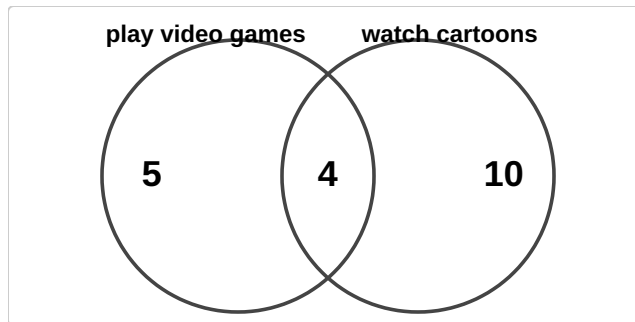
- (1) The Venn diagram shows how many students read fiction or read comics. How many students are in "read fiction" only?



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

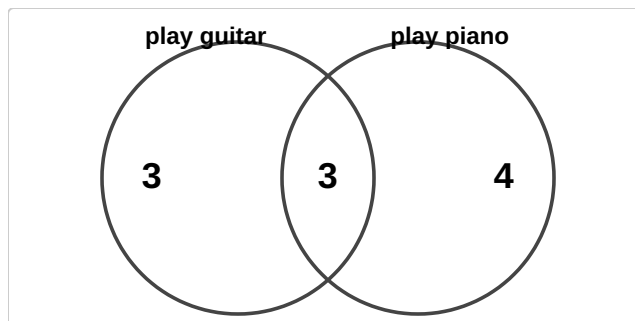


(2) The Venn diagram shows how many students play video games or watch cartoons. How many students are in "watch cartoons" only?



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

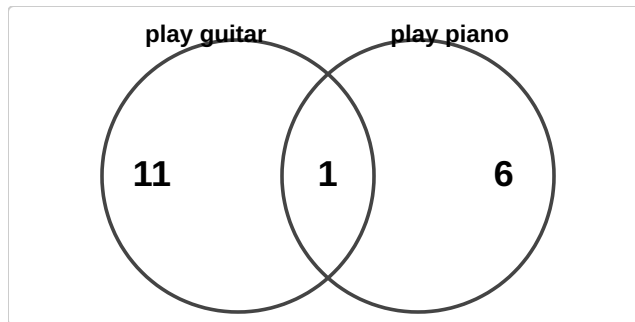
(3) The Venn diagram shows how many students play guitar or play piano. How many students are in both groups?



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

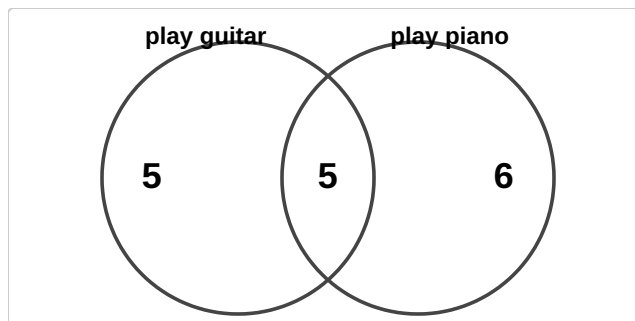


(4) The Venn diagram shows how many students play guitar or play piano. How many students play guitar?



(A) 11 (B) 12 (C) 13 (D) 14

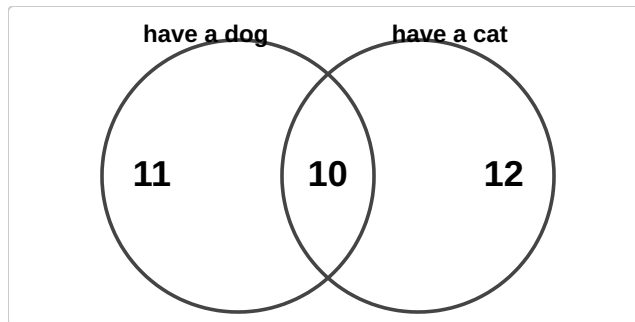
(5) The Venn diagram shows how many students play guitar or play piano. How many students play piano?



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

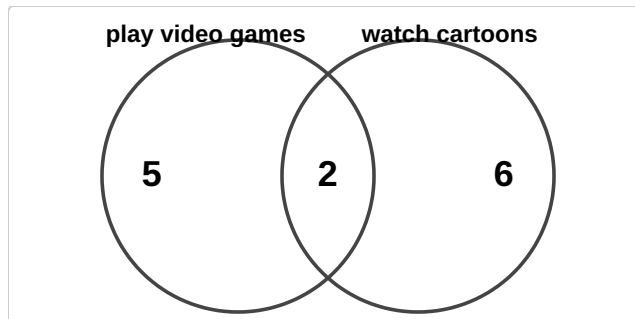


(6) The Venn diagram shows how many students have a dog or have a cat. How many students are in at least one group?



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

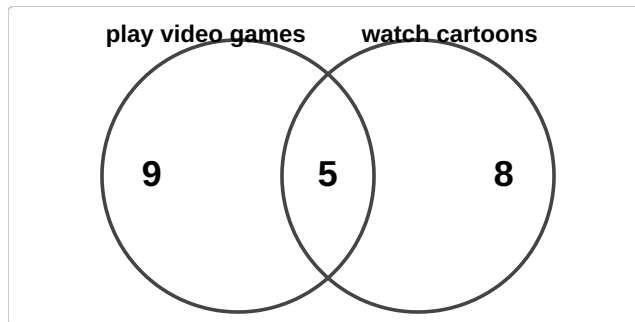
(7) The Venn diagram shows how many students play video games or watch cartoons. How many students are in exactly one group?



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

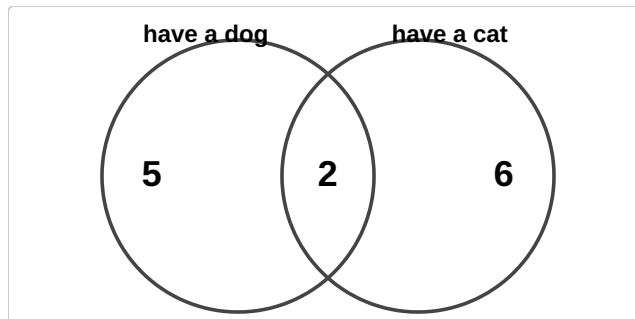


- (8) The Venn diagram shows how many students play video games or watch cartoons. How many more students play video games than watch cartoons?



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

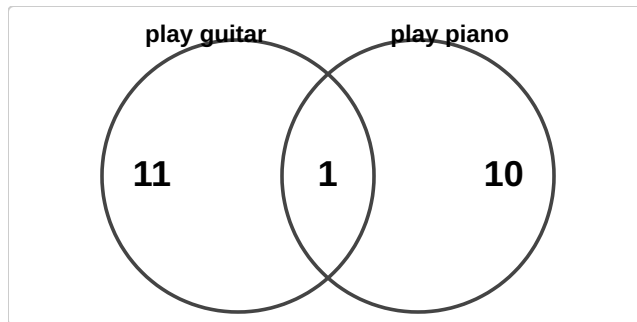
- (9) The Venn diagram shows how many students have a dog or have a cat. How many students are in "have a dog" only?



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

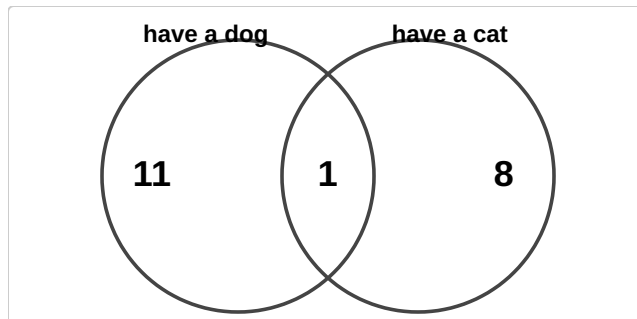


(10) The Venn diagram shows how many students play guitar or play piano. How many students are in "play piano" only?



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

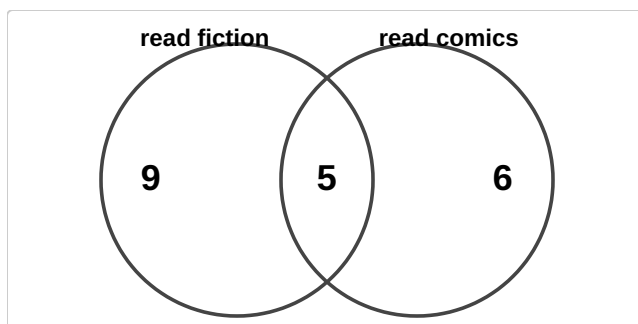
(11) The Venn diagram shows how many students have a dog or have a cat. How many students are in both groups?



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



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



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

