



Completing Venn Diagrams

Grade 3

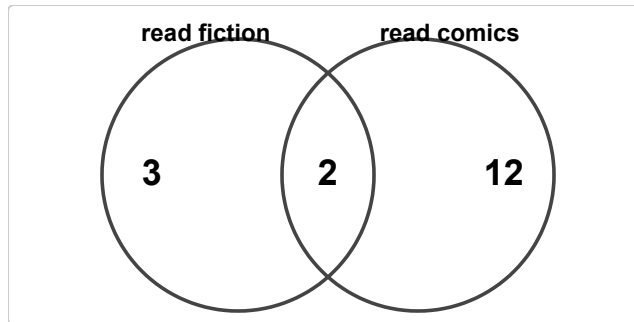
Name: _____

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 = $10 - 3 = 7$.

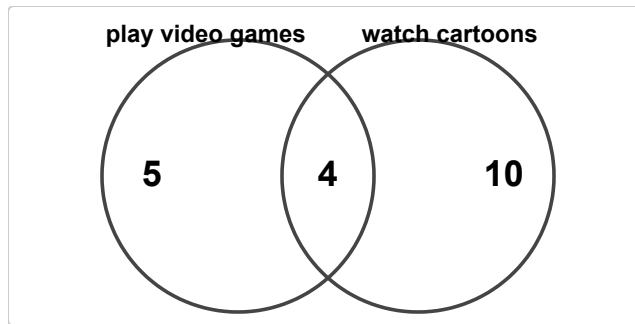
- (1) The Venn diagram shows how many students read fiction or read comics. How many students are in "read fiction" only?



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

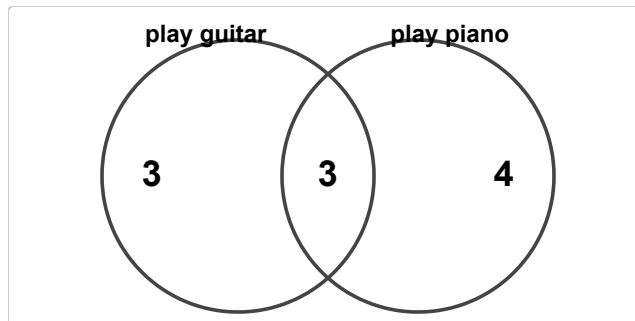


(2) The Venn diagram shows how many students play video games or watch cartoons. How many students are in "watch cartoons" only?



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

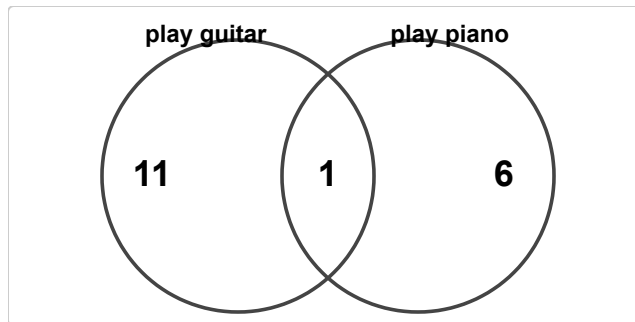
(3) The Venn diagram shows how many students play guitar or play piano. How many students are in both groups?



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

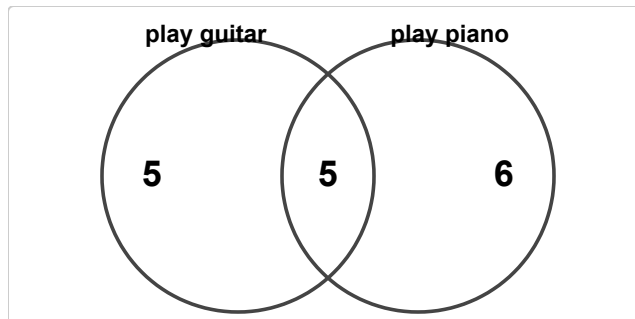


(4) The Venn diagram shows how many students play guitar or play piano. How many students play guitar?



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

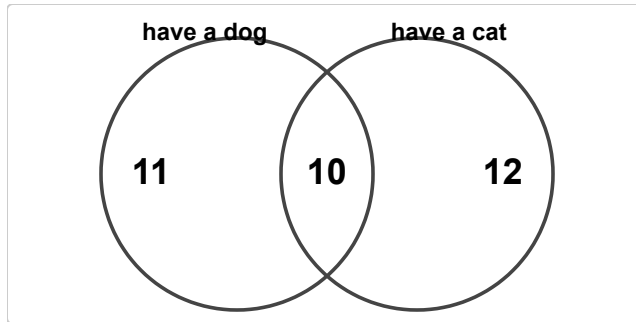
(5) The Venn diagram shows how many students play guitar or play piano. How many students play piano?



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

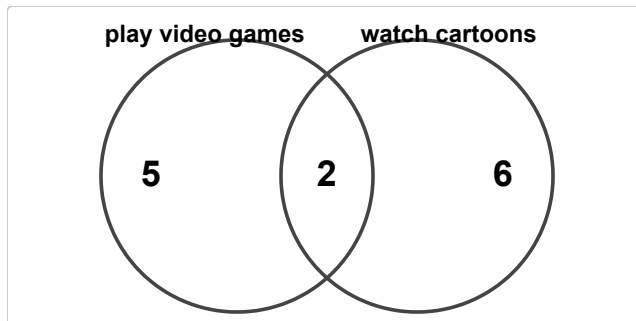


(6) The Venn diagram shows how many students have a dog or have a cat. How many students are in at least one group?



- (A) 31 (B) 32 (C) 33 (D) 34

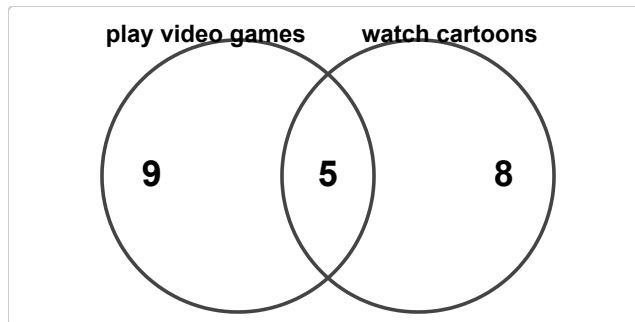
(7) The Venn diagram shows how many students play video games or watch cartoons. How many students are in exactly one group?



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

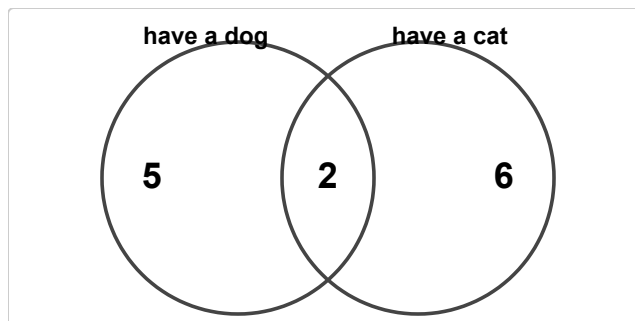


(8) The Venn diagram shows how many students play video games or watch cartoons. How many more students play video games than watch cartoons?



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

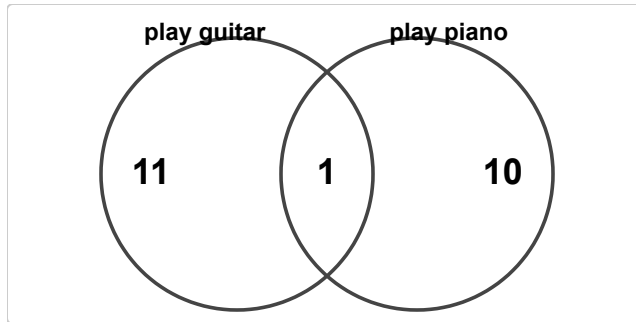
(9) The Venn diagram shows how many students have a dog or have a cat. How many students are in "have a dog" only?



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

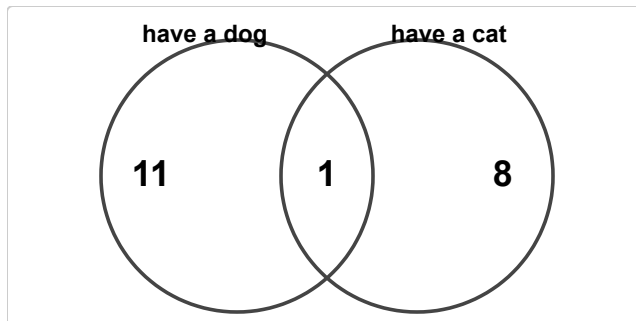


(10) The Venn diagram shows how many students play guitar or play piano. How many students are in "play piano" only?



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

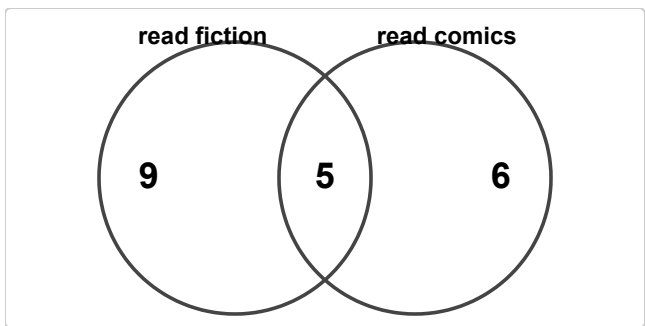
(11) The Venn diagram shows how many students have a dog or have a cat. How many students are in both groups?



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



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



- (A) 12 (B) 13 (C) 14 (D) 15

