



Reading Venn Diagrams

Grade 5

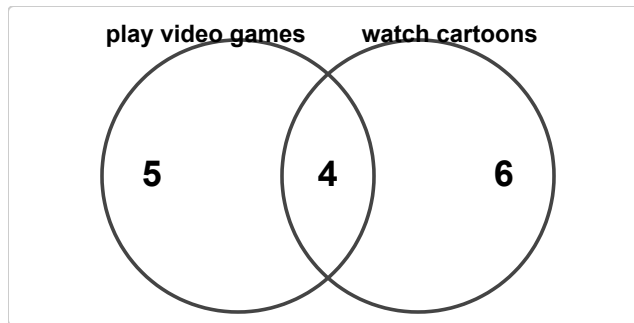
Name: _____

Interpret data in each Venn Diagram.

Read the numbers in each part of the circle. Remember: The whole circle includes the middle part!

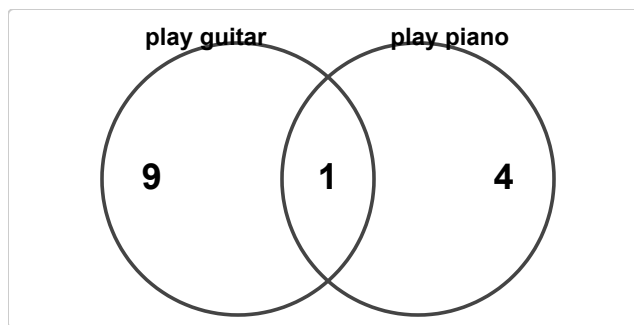
Example: Left (Dogs): 10. Right (Cats): 8. Middle (Both): 5. How many like Dogs? 15 (10+5)

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



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

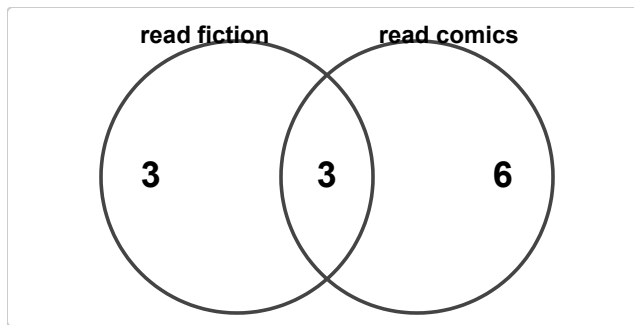
- (2) The Venn diagram shows how many students play guitar or play piano. How many students are in "play piano" only?



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

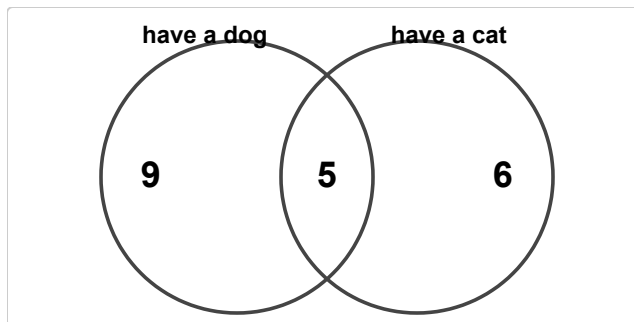


(3) The Venn diagram shows how many students read fiction or read comics. How many students are in both groups?



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

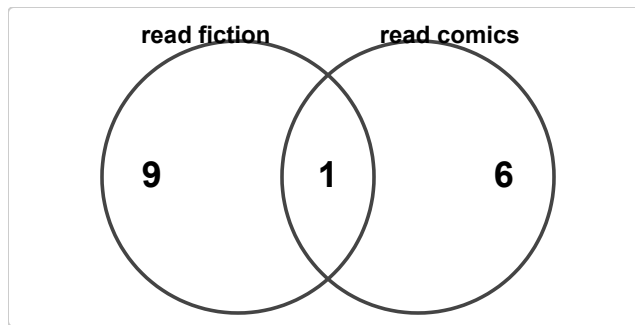
(4) The Venn diagram shows how many students have a dog or have a cat. How many students have a dog?



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

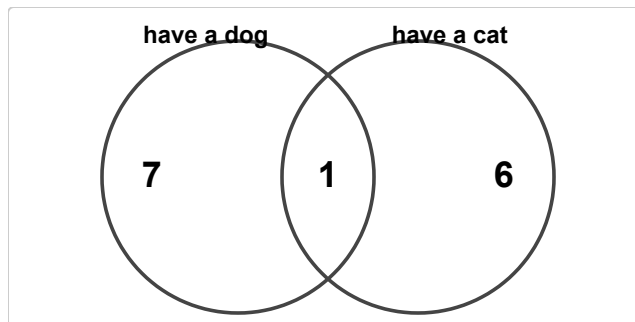


(5) The Venn diagram shows how many students read fiction or read comics. How many students read comics?



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

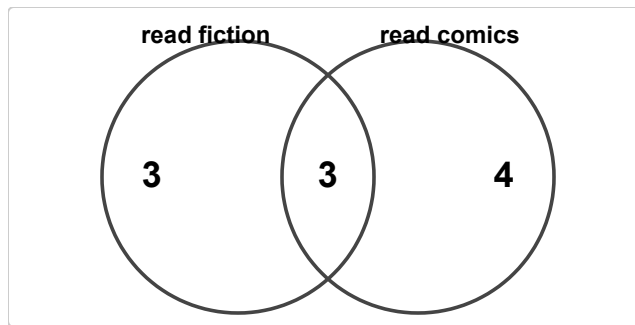
(6) The Venn diagram shows how many students have a dog or have a cat. How many students are in at least one group?



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

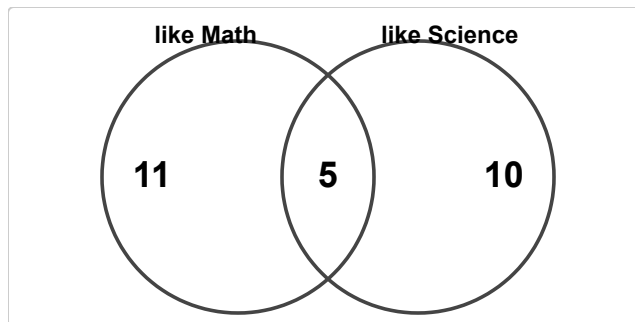


(7) The Venn diagram shows how many students read fiction or read comics. How many students are in exactly one group?



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

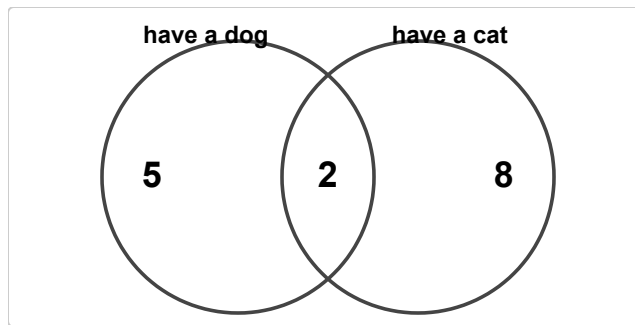
(8) The Venn diagram shows how many students like Math or like Science. How many more students like Math than like Science?



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

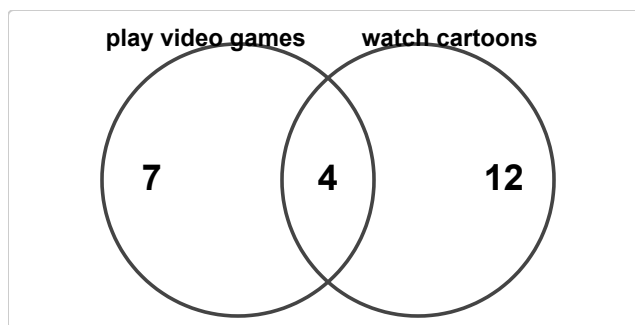


(9) The Venn diagram shows how many students have a dog or have a cat. How many students are in "have a dog" only?



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

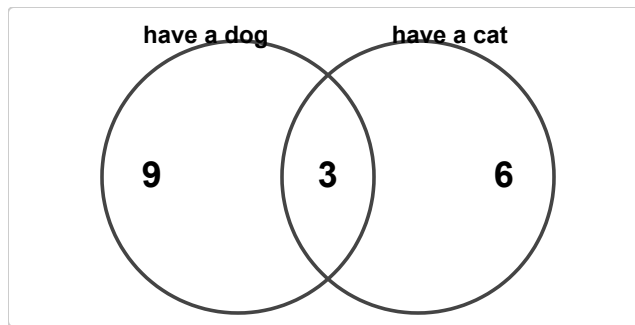
(10) The Venn diagram shows how many students play video games or watch cartoons. How many students are in "watch cartoons" only?



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

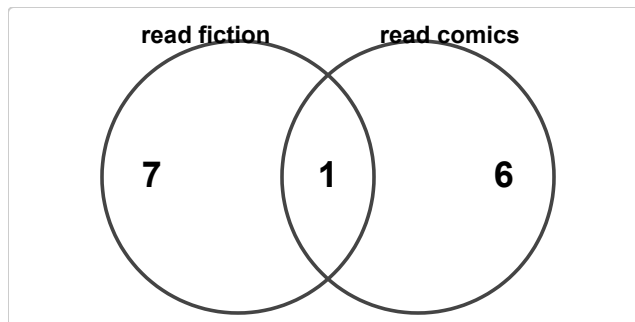


(11) The Venn diagram shows how many students have a dog or have a cat. How many students are in both groups?



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

