



Reading Venn Diagrams

Grade 4

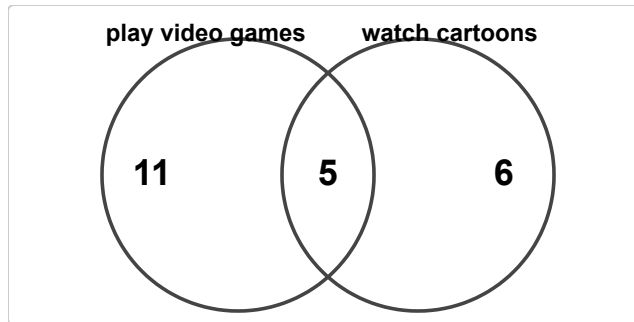
Name: _____

Interpret data in each Venn Diagram.

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

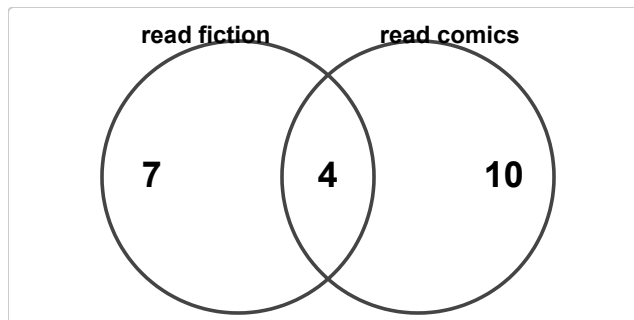
Example: Left (Dogs): 10. Right (Cats): 8. Middle (Both): 5. How many like Dogs? 15 (10+5)

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



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

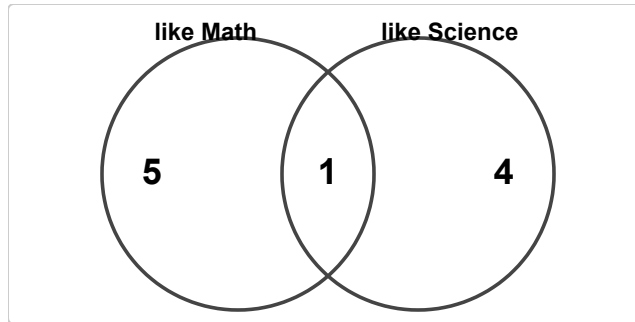
- (2) The Venn diagram shows how many students read fiction or read comics. How many students are in "read comics" only?



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

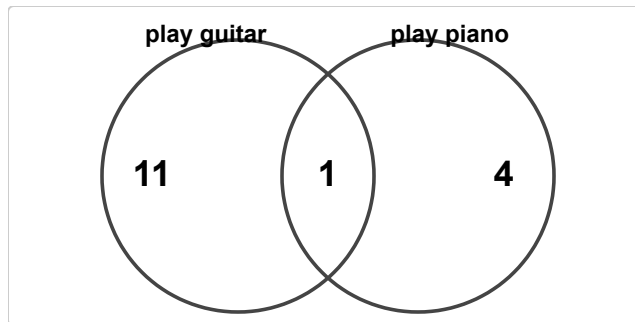


(3) The Venn diagram shows how many students like Math or like Science. How many students are in both groups?



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

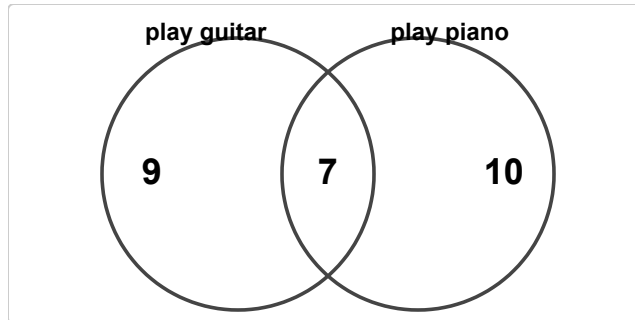
(4) The Venn diagram shows how many students play guitar or play piano. How many students play guitar?



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

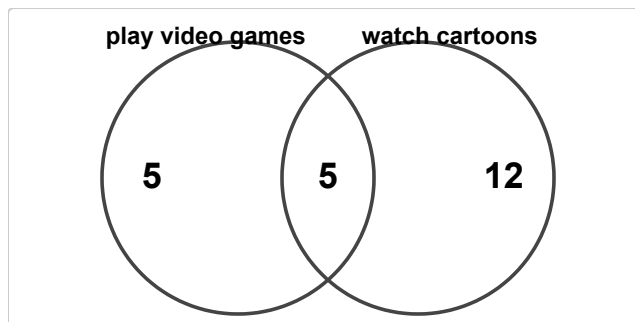


(5) The Venn diagram shows how many students play guitar or play piano. How many students play piano?



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

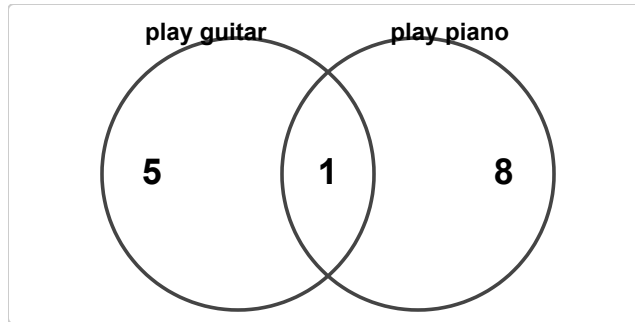
(6) The Venn diagram shows how many students play video games or watch cartoons. How many students are in at least one group?



- (A) 20 (B) 21 (C) 22 (D) 23

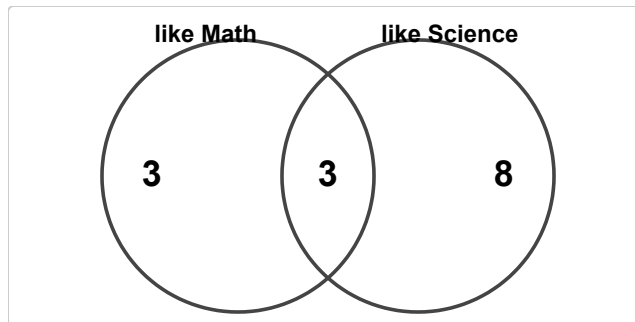


(7) The Venn diagram shows how many students play guitar or play piano. How many students are in exactly one group?



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

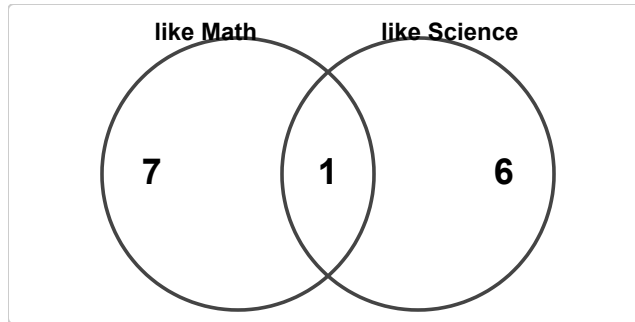
(8) The Venn diagram shows how many students like Math or like Science. How many more students like Math than like Science?



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

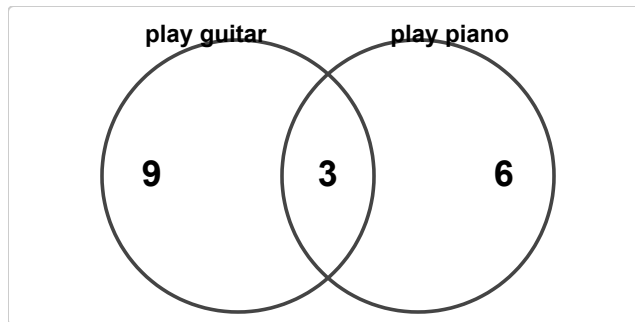


(9) The Venn diagram shows how many students like Math or like Science. How many students are in "like Math" only?



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

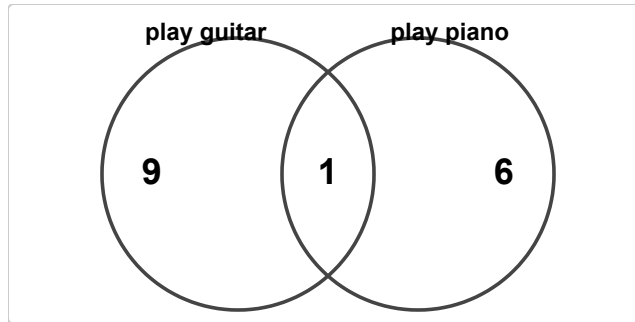
(10) The Venn diagram shows how many students play guitar or play piano. How many students are in "play piano" only?



- (A) 4 (B) 5 (C) 6 (D) 7

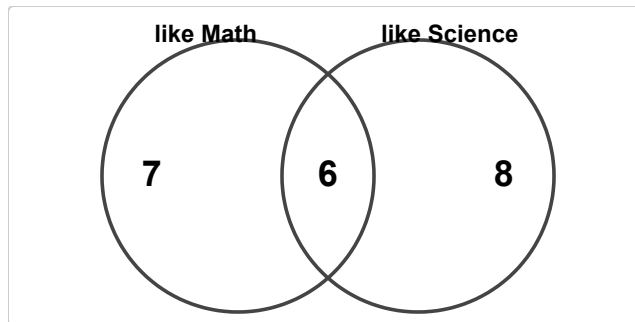


(11) The Venn diagram shows how many students play guitar or play piano. How many students are in both groups?



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

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



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

