



Reading Venn Diagrams

Grade 4

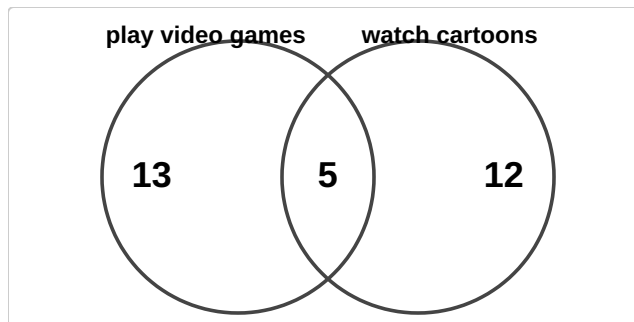
Name: _____

Interpret data in each Venn Diagram.

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

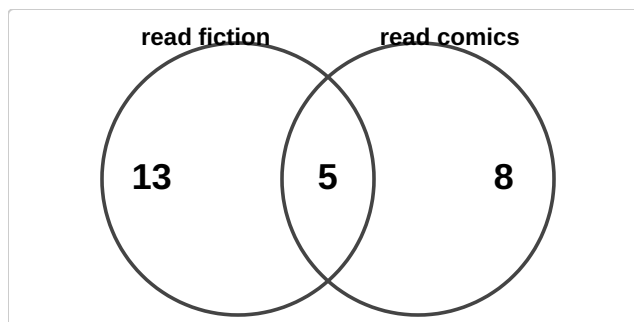
Example: Left (Dogs): 10. Right (Cats): 8. Middle (Both): 5. How many like Dogs? 15 (10+5)

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



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

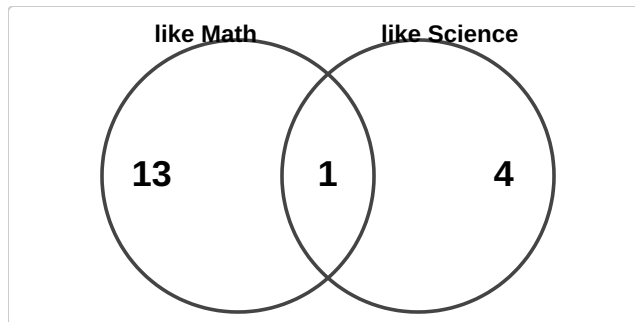
- (2) The Venn diagram shows how many students read fiction or read comics. How many students are in "read comics" only?



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

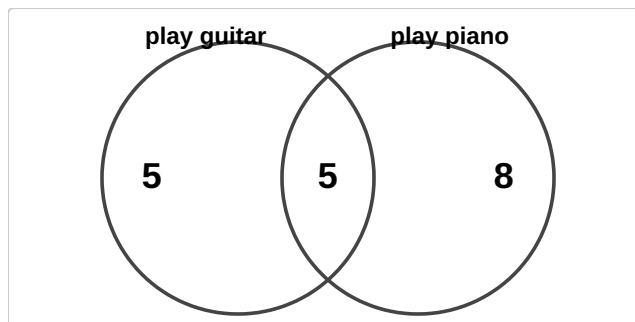


- (3) The Venn diagram shows how many students like Math or like Science. How many students are in both groups?



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

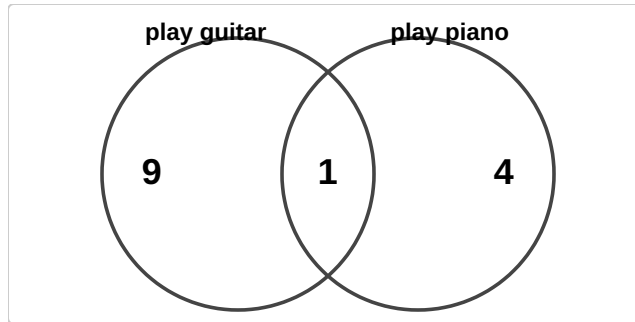
- (4) The Venn diagram shows how many students play guitar or play piano. How many students play guitar?



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

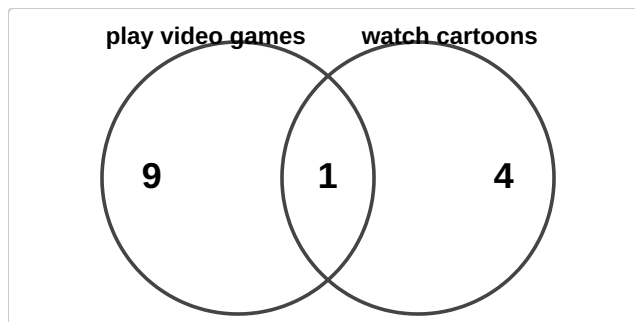


- (5) The Venn diagram shows how many students play guitar or play piano. How many students play piano?



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

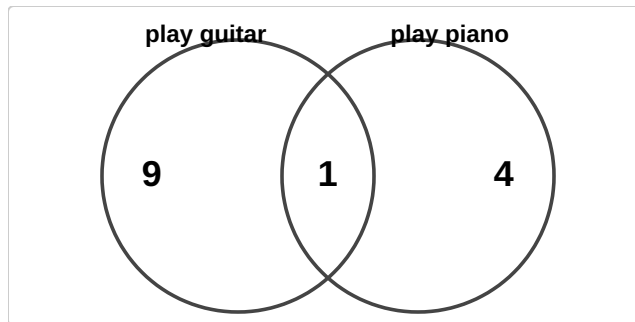
- (6) The Venn diagram shows how many students play video games or watch cartoons. How many students are in at least one group?



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

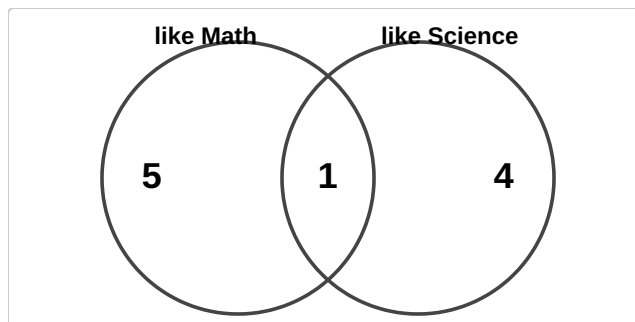


(7) The Venn diagram shows how many students play guitar or play piano. How many students are in exactly one group?



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

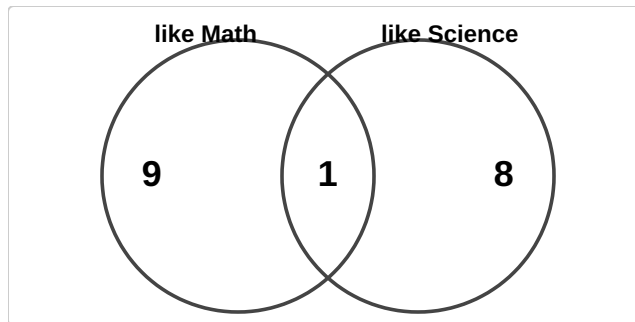
(8) The Venn diagram shows how many students like Math or like Science. How many more students like Math than like Science?



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

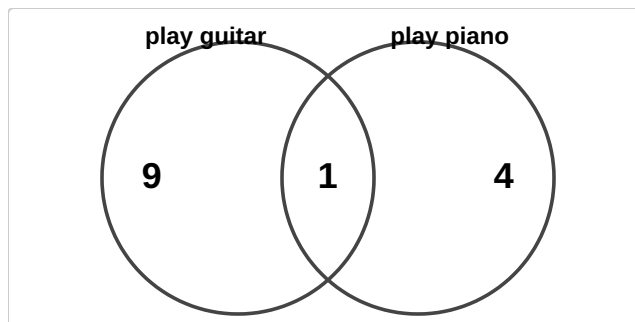


(9) The Venn diagram shows how many students like Math or like Science. How many students are in "like Math" only?



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

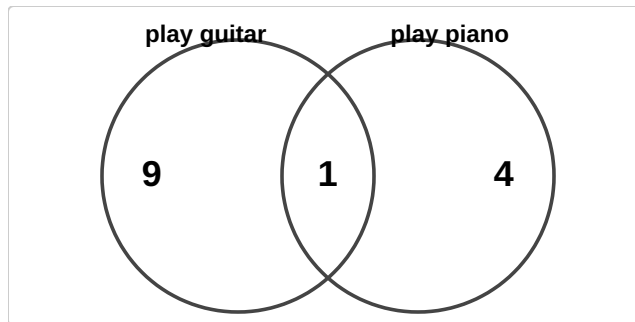
(10) The Venn diagram shows how many students play guitar or play piano. How many students are in "play piano" only?



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

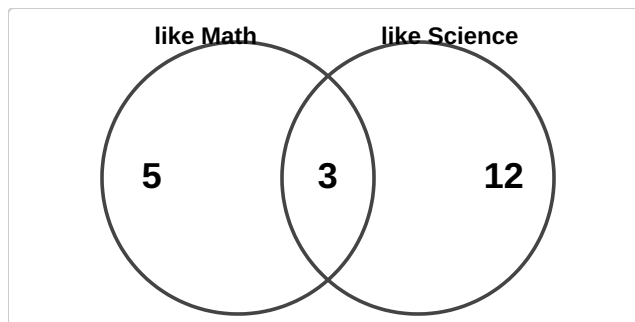


(11) The Venn diagram shows how many students play guitar or play piano. How many students are in both groups?



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

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



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

