



Reading Venn Diagrams

Grade 5

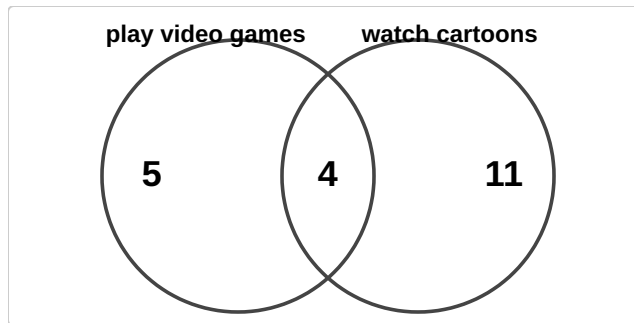
Name: _____

Interpret data in each Venn Diagram.

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

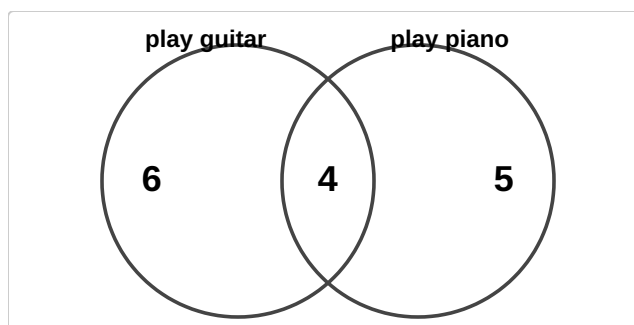
Example: Left (Dogs): 10. Right (Cats): 8. Middle (Both): 5. How many like Dogs? 15 (10+5)

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



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

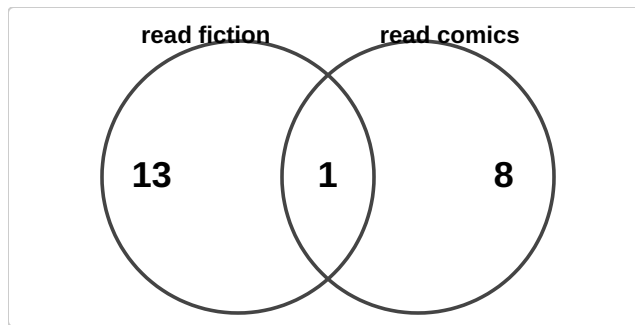
- (2) The Venn diagram shows how many students play guitar or play piano. How many students are in "play piano" only?



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

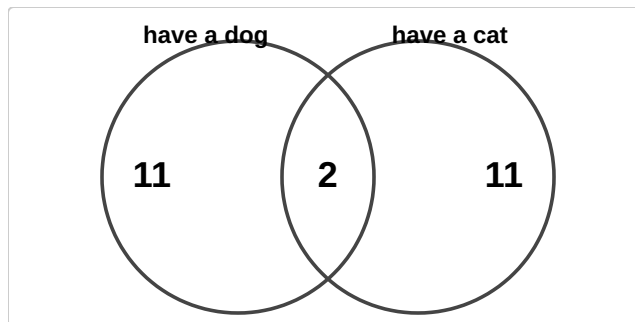


- (3) The Venn diagram shows how many students read fiction or read comics. How many students are in both groups?



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

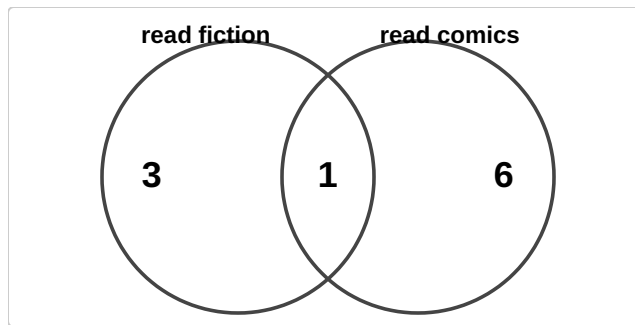
- (4) The Venn diagram shows how many students have a dog or have a cat. How many students have a dog?



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

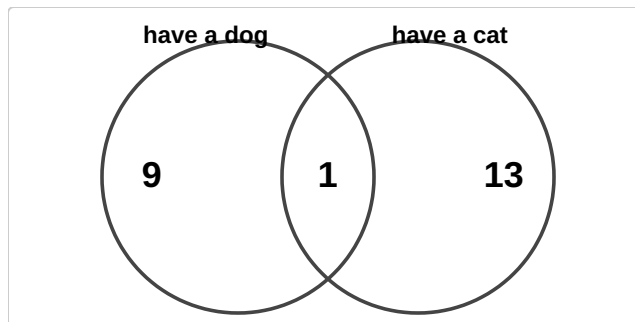


- (5) The Venn diagram shows how many students read fiction or read comics. How many students read comics?



(A) 7 (B) 8 (C) 9 (D) 10

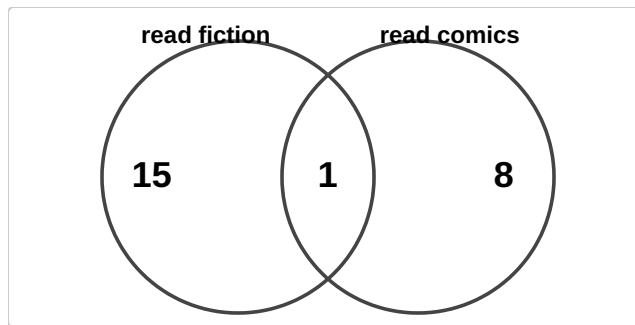
- (6) The Venn diagram shows how many students have a dog or have a cat. How many students are in at least one group?



(A) 22 (B) 23 (C) 24 (D) 25

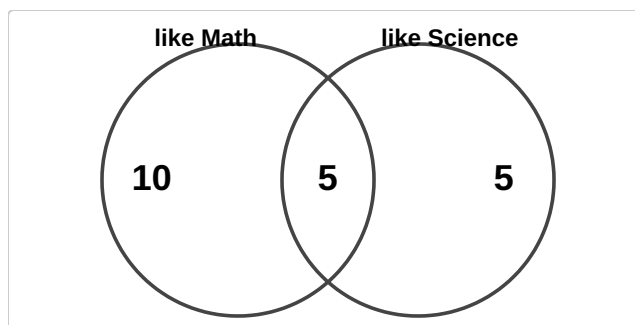


- (7) The Venn diagram shows how many students read fiction or read comics. How many students are in exactly one group?



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

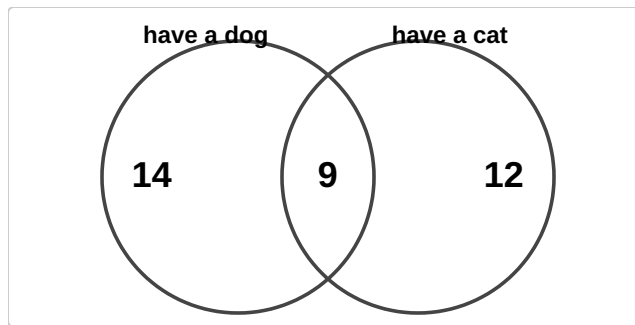
- (8) The Venn diagram shows how many students like Math or like Science. How many more students like Math than like Science?



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

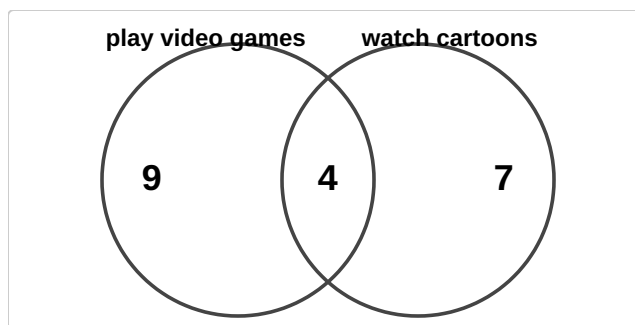


- (9) The Venn diagram shows how many students have a dog or have a cat. How many students are in "have a dog" only?



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

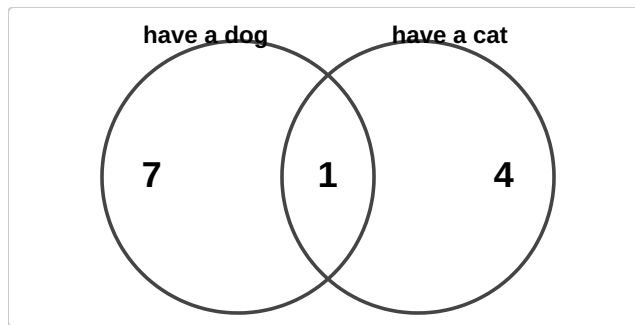
- (10) The Venn diagram shows how many students play video games or watch cartoons. How many students are in "watch cartoons" only?



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

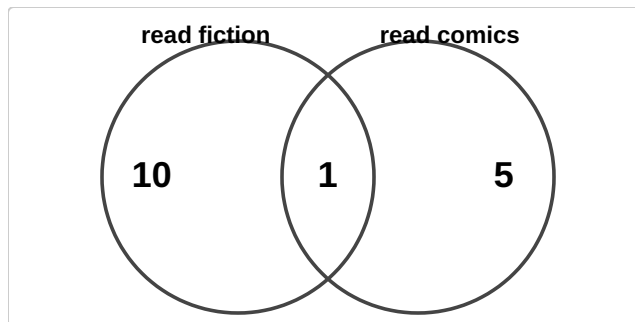


(11) The Venn diagram shows how many students have a dog or have a cat. How many students are in both groups?



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

