



Reading Venn Diagrams

Grade 3

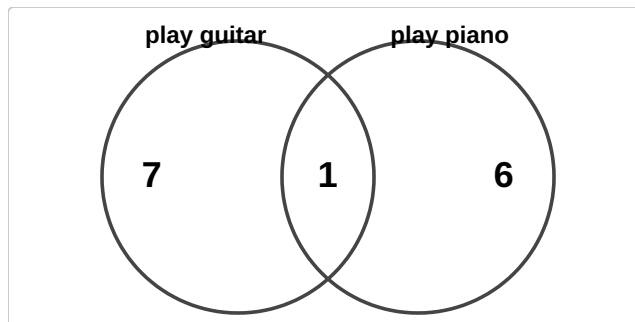
Name: _____

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)

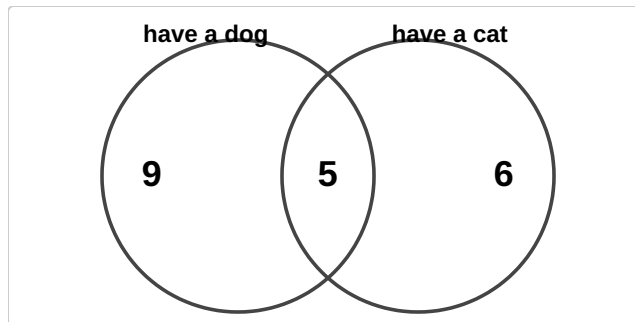
- (1) The Venn diagram shows how many students play guitar or play piano. How many students are in "play guitar" only?



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

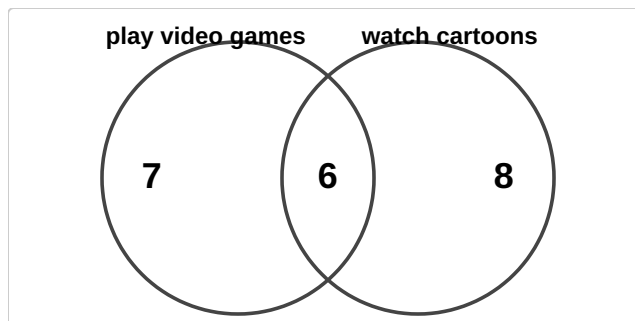


(2) The Venn diagram shows how many students have a dog or have a cat. How many students are in "have a cat" only?



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

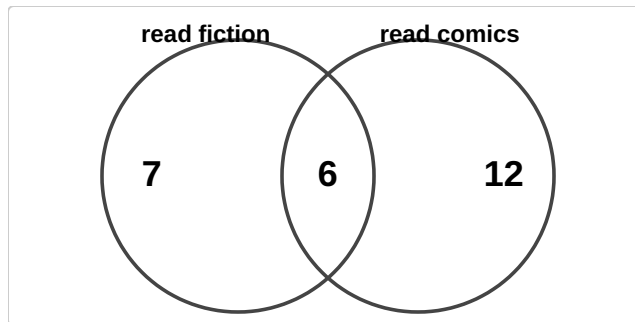
(3) The Venn diagram shows how many students play video games or watch cartoons. How many students are in both groups?



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

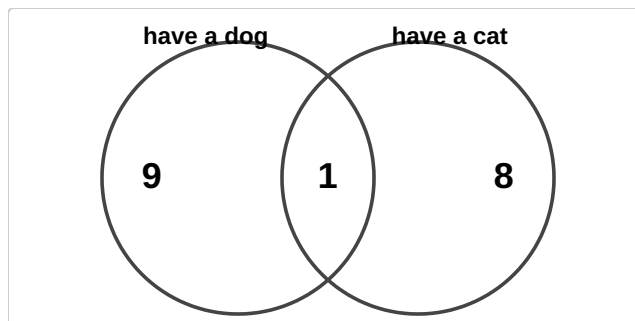


(4) The Venn diagram shows how many students read fiction or read comics. How many students read fiction?



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

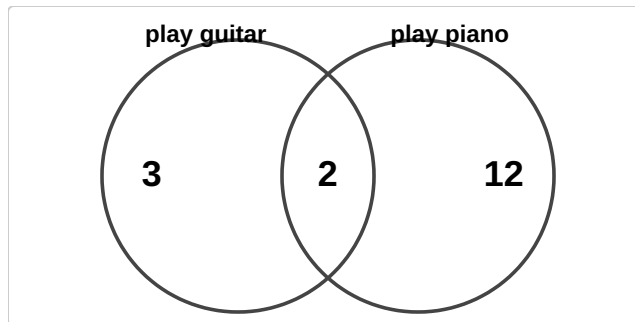
(5) The Venn diagram shows how many students have a dog or have a cat. How many students have a cat?



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

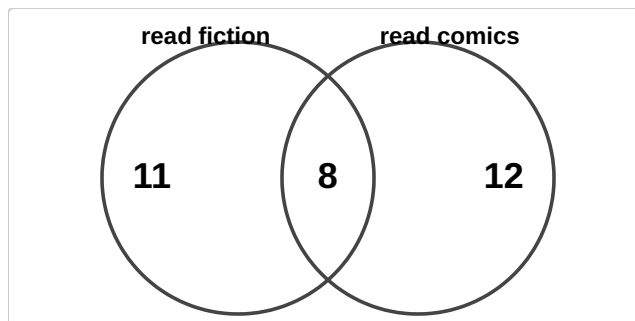


(6) The Venn diagram shows how many students play guitar or play piano. How many students are in at least one group?



(A) 16 (B) 17 (C) 18 (D) 19

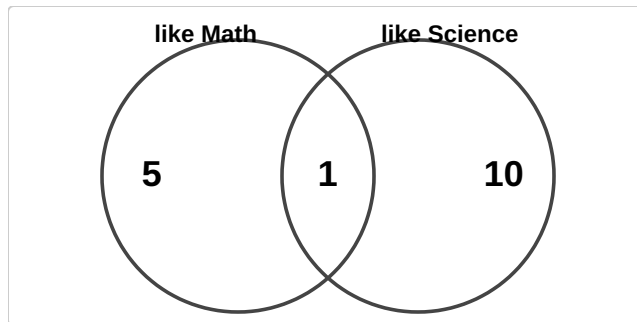
(7) The Venn diagram shows how many students read fiction or read comics. How many students are in exactly one group?



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

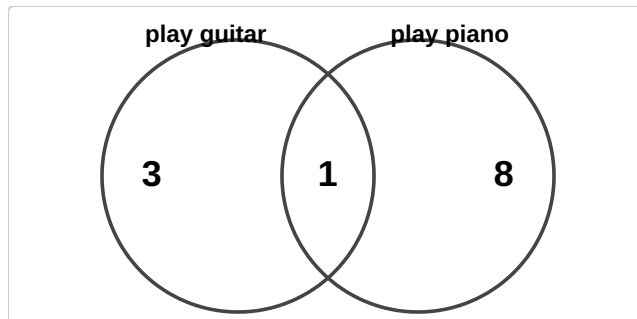


(8) The Venn diagram shows how many students like Math or like Science. How many more students like Math than like Science?



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

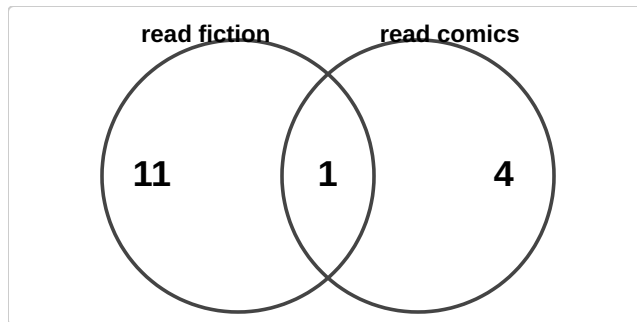
(9) The Venn diagram shows how many students play guitar or play piano. How many students are in "play guitar" only?



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

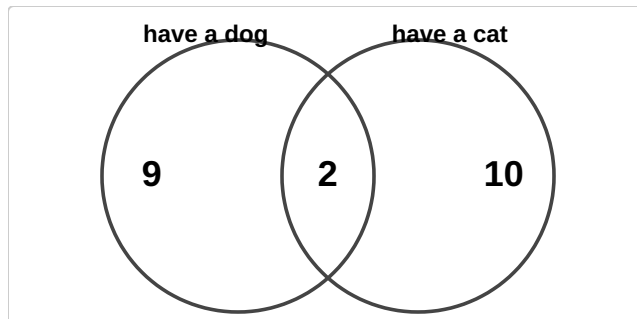


(10) The Venn diagram shows how many students read fiction or read comics. How many students are in "read comics" only?



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

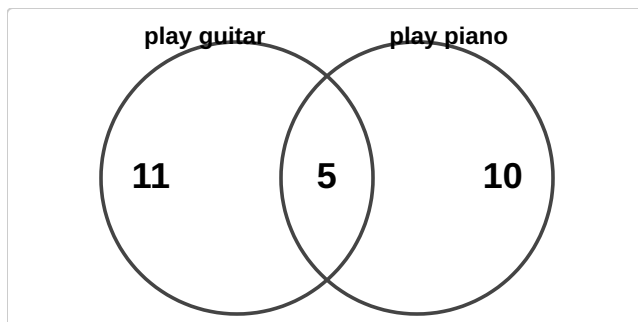
(11) The Venn diagram shows how many students have a dog or have a cat. How many students are in both groups?



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



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



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

