



Venn Diagram Scenarios

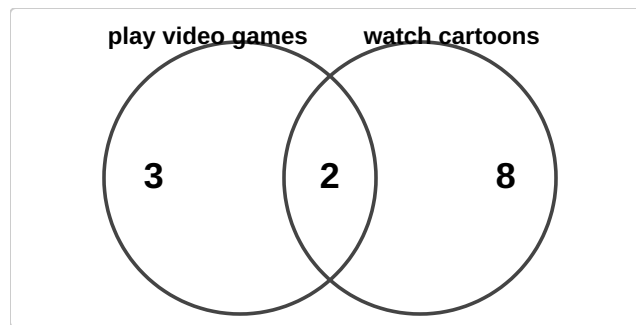
Grade 4

Name: _____

Analyze the Venn diagram and answer the questions.

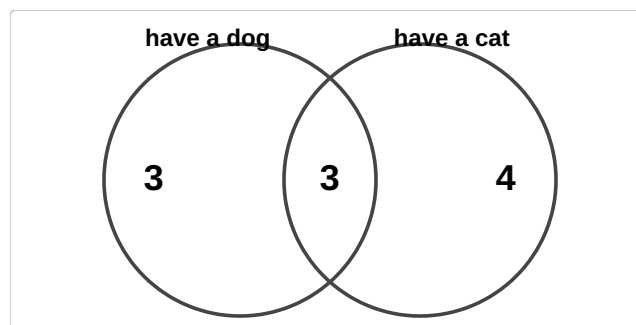
The diagram shows the number of students in different clubs. Overlapping areas show students who are in more than one club.

- (1) In a survey, 5 students play video games and 10 students watch cartoons. 2 do both. How many students are in "play video games" only?



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

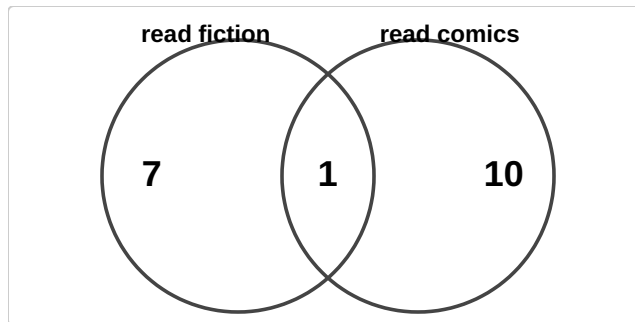
- (2) In a survey, 6 students have a dog and 7 students have a cat. 3 do both. How many students are in "have a cat" only?



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

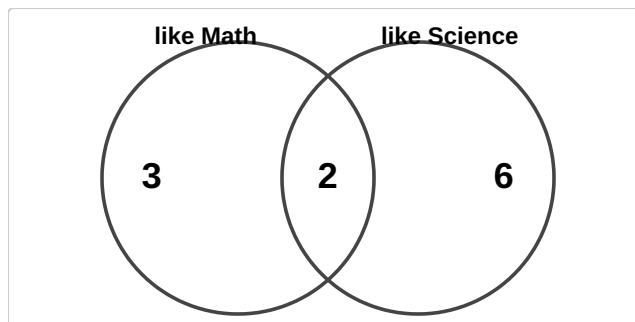


- (3) In a survey, 8 students read fiction and 11 students read comics. 1 do both. How many students are in both groups?



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

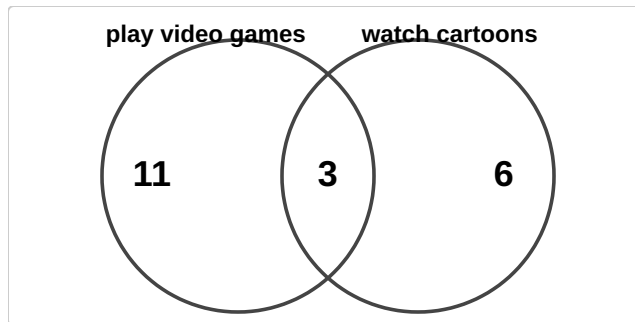
- (4) In a survey, 5 students like Math and 8 students like Science. 2 do both. How many students like Math?



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

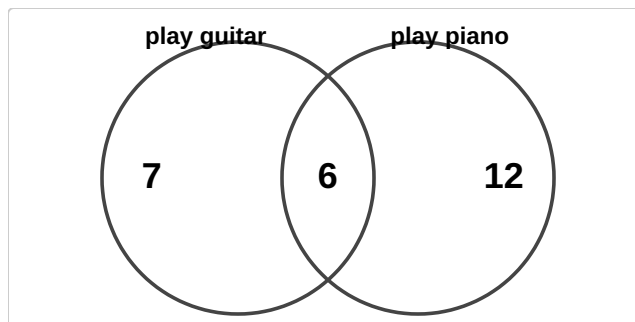


- (5) In a survey, 14 students play video games and 9 students watch cartoons. 3 do both. How many students watch cartoons?



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

- (6) In a survey, 13 students play guitar and 18 students play piano. 6 do both. How many students are in at least one group?



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

