



Venn Diagram Scenarios

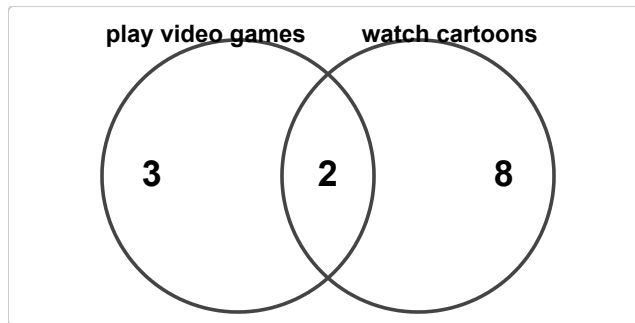
Grade 4

Name: _____

Analyze the Venn diagram and answer the questions.

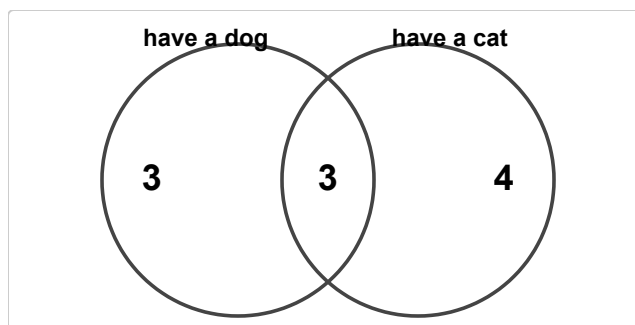
The diagram shows the number of students in different clubs. Overlapping areas show students who are in more than one club.

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

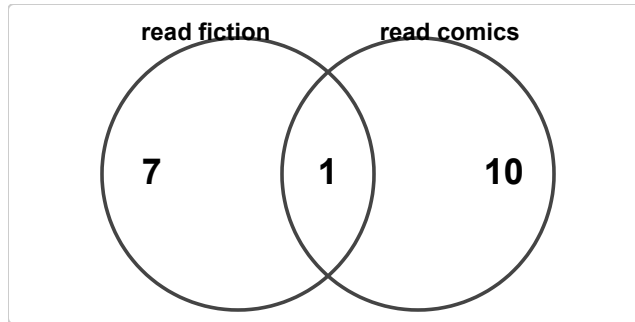
- (2) In a survey, 6 students have a dog and 7 students have a cat. 3 do both. How many students are in "have a cat" only?



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

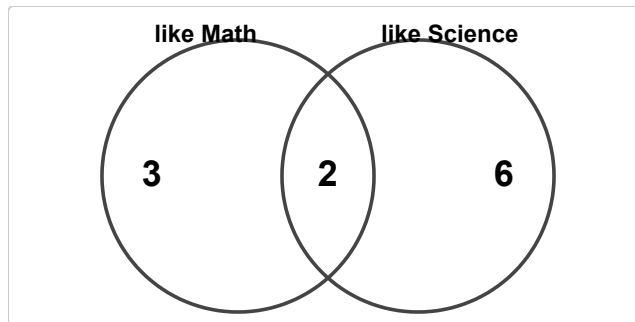


(3) In a survey, 8 students read fiction and 11 students read comics. 1 do both. How many students are in both groups?



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

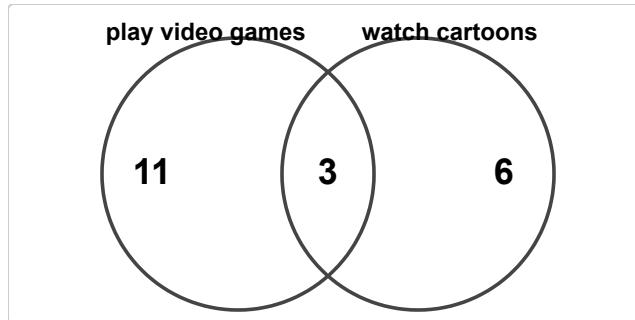
(4) In a survey, 5 students like Math and 8 students like Science. 2 do both. How many students like Math?



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

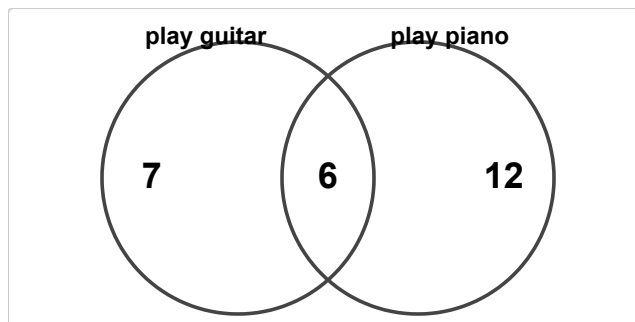


- (5) In a survey, 14 students play video games and 9 students watch cartoons. 3 do both. How many students watch cartoons?



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

- (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) 23 (B) 24 (C) 25 (D) 26

