



Venn Diagram Scenarios II

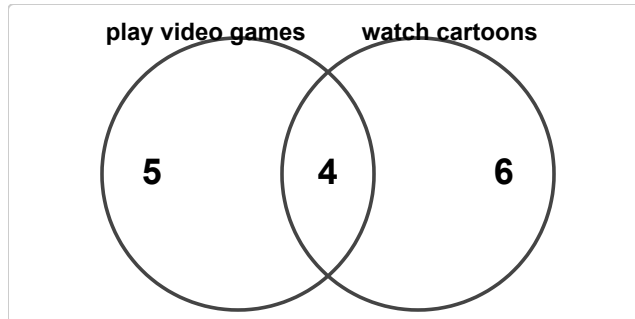
Grade 5

Name: _____

Analyze the diagram and answer the questions.

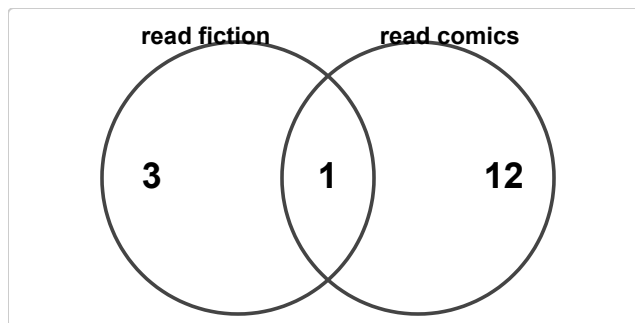
The diagram below shows the results of a survey about pets.

- (1) In a survey, 9 students play video games and 10 students watch cartoons. 4 do both. How many students are in "play video games" only?



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

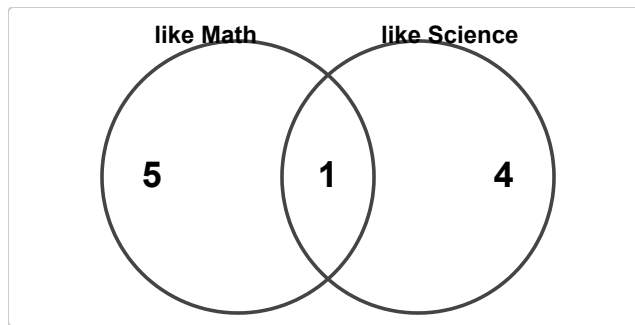
- (2) In a survey, 4 students read fiction and 13 students read comics. 1 do both. How many students are in "read comics" only?



- (A) 10 (B) 11 (C) 12 (D) 13

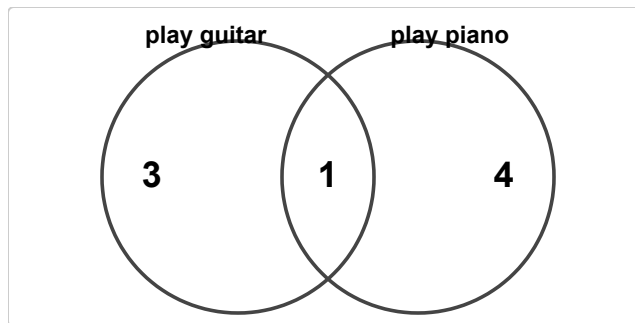


(3) In a survey, 6 students like Math and 5 students like Science. 1 do both. How many students are in both groups?



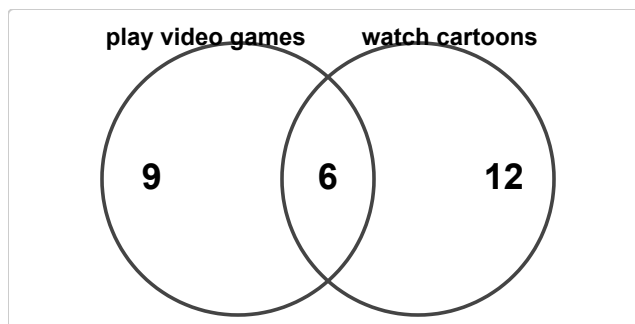
- (A) 0 (B) 1 (C) 2 (D) 3

(4) In a survey, 4 students play guitar and 5 students play piano. 1 do both. How many students play guitar?



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

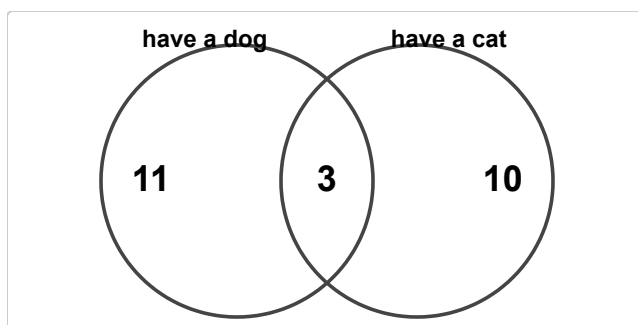
(5) In a survey, 15 students play video games and 18 students watch cartoons. 6 do both. How many students watch cartoons?



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



(6) In a survey, 14 students have a dog and 13 students have a cat. 3 do both. How many students are in at least one group?



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

