



Venn Diagram Scenarios II

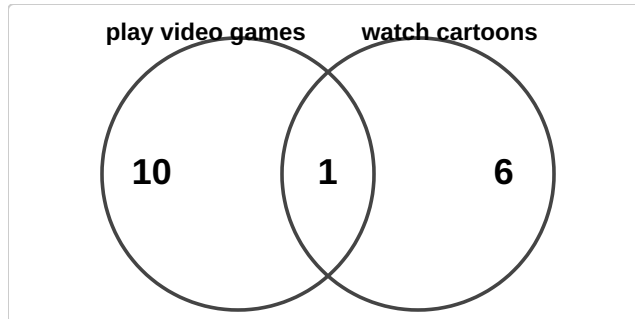
Grade 5

Name: _____

Analyze the diagram and answer the questions.

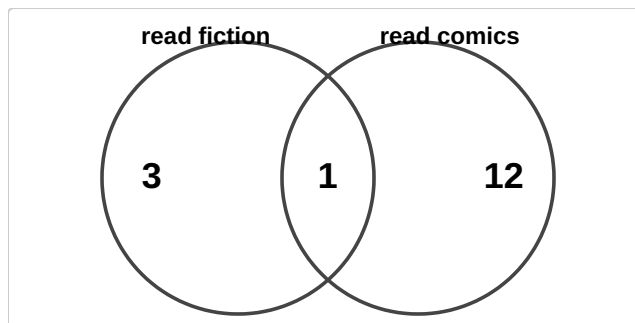
The diagram below shows the results of a survey about pets.

- (1) In a survey, 11 students play video games and 7 students watch cartoons. 1 do both. How many students are in "play video games" only?



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

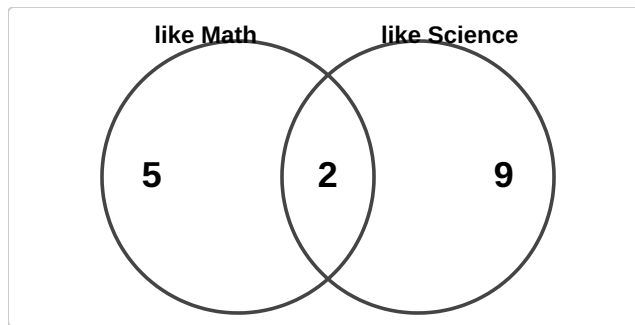
- (2) In a survey, 4 students read fiction and 13 students read comics. 1 do both. How many students are in "read comics" only?



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

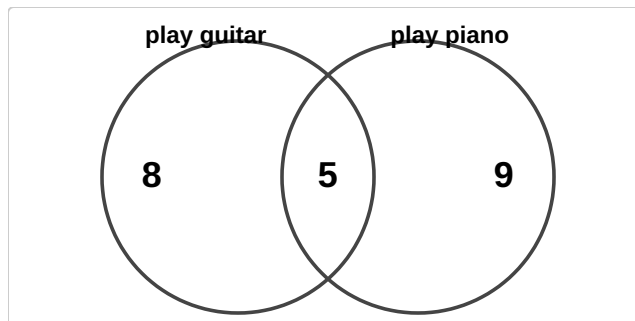


- (3) In a survey, 7 students like Math and 11 students like Science. 2 do both. How many students are in both groups?



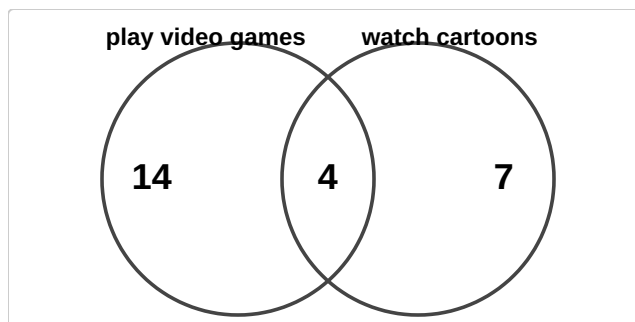
(A) 2 (B) 3 (C) 4 (D) 5

- (4) In a survey, 13 students play guitar and 14 students play piano. 5 do both. How many students play guitar?



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

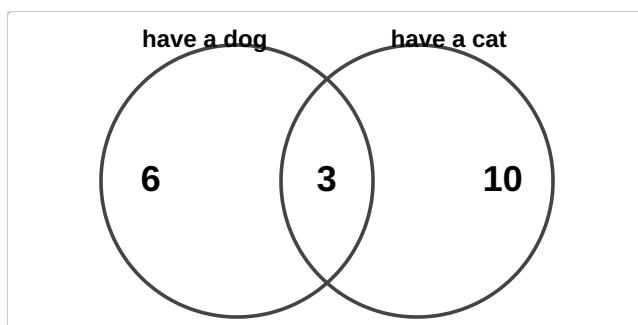
- (5) In a survey, 18 students play video games and 11 students watch cartoons. 4 do both. How many students watch cartoons?



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



(6) In a survey, 9 students have a dog and 13 students have a cat. 3 do both. How many students are in at least one group?



- (A) 18 (B) 19 (C) 20 (D) 21

