



Venn Diagram Scenarios II

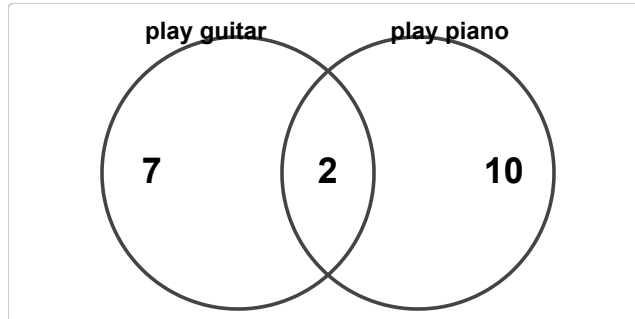
Grade 3

Name: _____

Analyze the diagram and answer the questions.

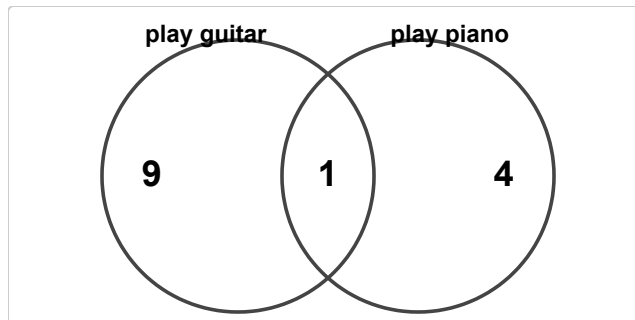
The diagram below shows the results of a survey about pets.

- (1) In a survey, 9 students play guitar and 12 students play piano. 2 do both. How many students are in "play guitar" only?



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

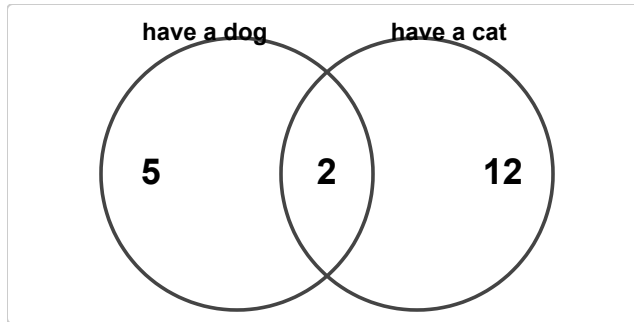
- (2) In a survey, 10 students play guitar and 5 students play piano. 1 do both. How many students are in "play piano" only?



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

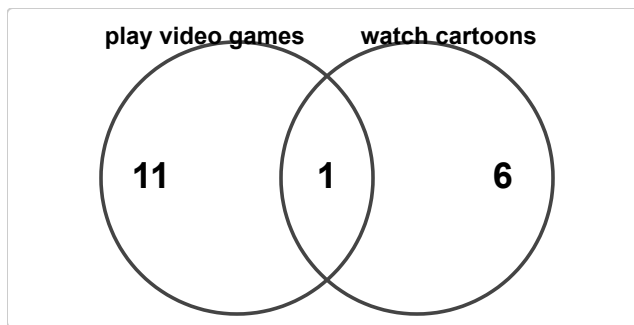


(3) In a survey, 7 students have a dog and 14 students have a cat. 2 do both. How many students are in both groups?



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

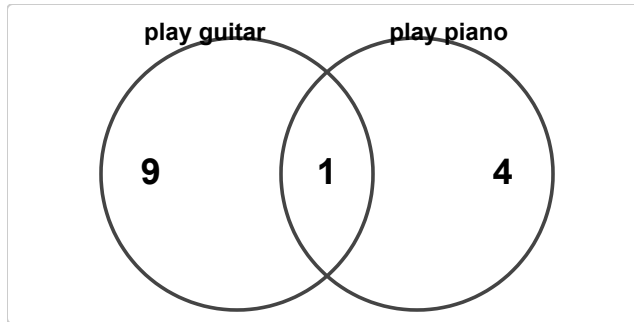
(4) In a survey, 12 students play video games and 7 students watch cartoons. 1 do both. How many students play video games?



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

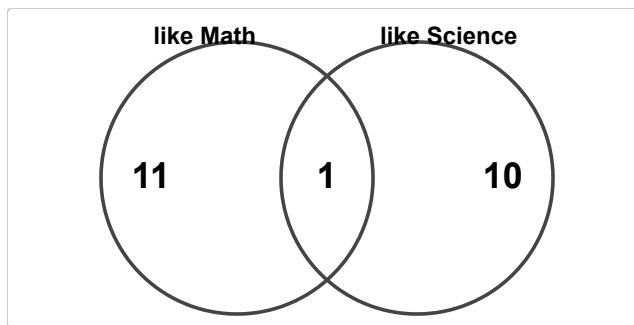


(5) In a survey, 10 students play guitar and 5 students play piano. 1 do both. How many students play piano?



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

(6) In a survey, 12 students like Math and 11 students like Science. 1 do both. How many students are in at least one group?



- (A) 20 (B) 21 (C) 22 (D) 23

