



Venn Diagram Scenarios II

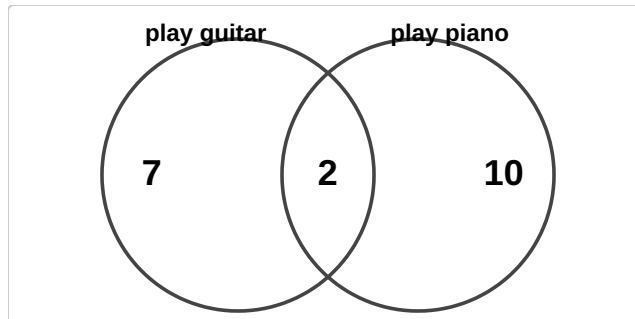
Grade 3

Name: _____

Analyze the diagram and answer the questions.

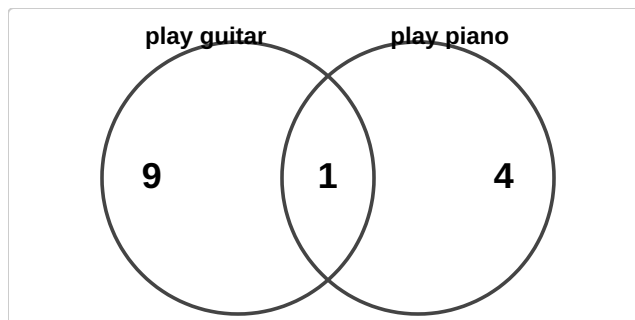
The diagram below shows the results of a survey about pets.

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

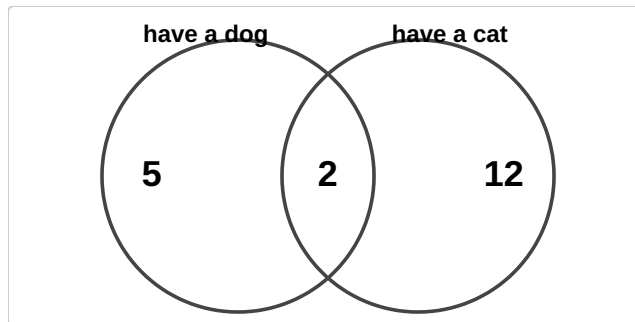
- (2) In a survey, 10 students play guitar and 5 students play piano. 1 do both. How many students are in "play piano" only?



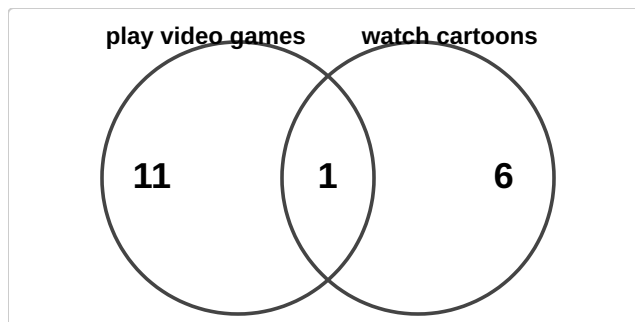
(A) 1 (B) 2 (C) 3 (D) 4



- (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?



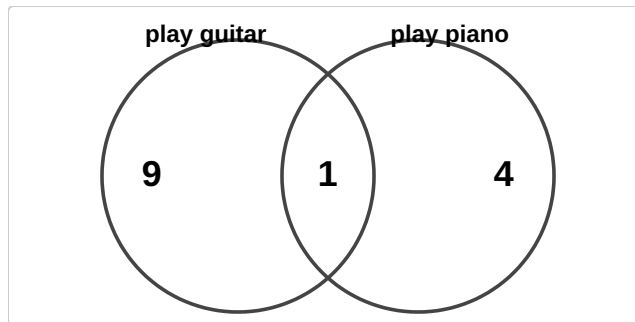
- (A) 1 (B) 2 (C) 3 (D) 4
- (4) In a survey, 12 students play video games and 7 students watch cartoons. 1 do both. How many students play video games?



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

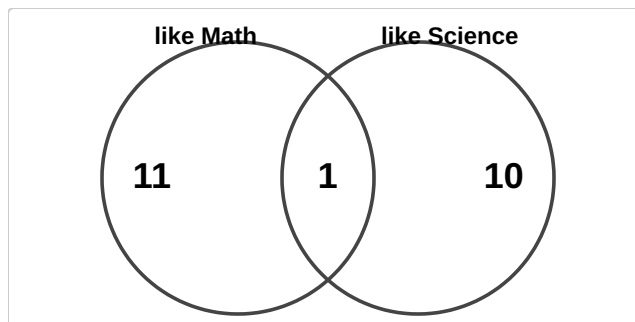


- (5) In a survey, 10 students play guitar and 5 students play piano. 1 do both. How many students play piano?



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

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

