

Name: \_\_\_\_\_

# Tuning In

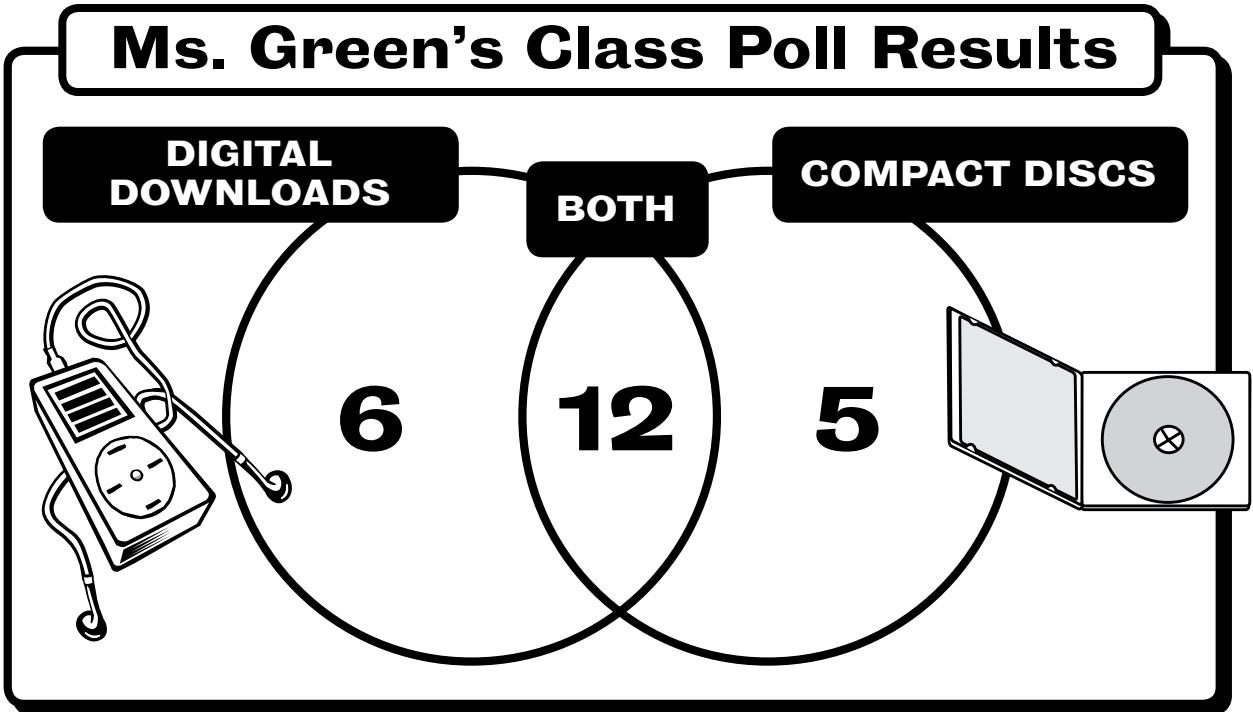
Ms. Green's class took a poll. They were asked, "In what form do you buy your music: as online digital downloads or as compact discs (CD) from a store?"

Students responded that they either bought just one of the formats or that they bought both. Use the Venn diagram below to find out how the class responded.

A Venn diagram uses geometric shapes

(such as circles or ovals) to show relationships.

In this diagram, the circle on the left represents the number of kids who buy music digital downloads. The circle on the right represents the number of kids who buy CDs from a store. The area where the circles overlap represents the number of kids who do both. Use the Venn diagram to answer the questions.



- What is the total number of kids in Ms. Green's class who responded to the question?  
 (A) 7                      (C) 23  
 (B) 12                     (D) 28
- What is the total number of kids who only bought digital downloads or only bought CDs?  
 (A) 5                      (C) 8  
 (B) 7                     (D) 11
- How many students said that they bought only CDs?  
 (A) 5                      (C) 12  
 (B) 7                     (D) 17
- The number of kids who bought music both ways is \_\_\_ the number of kids who bought only digital downloads.  
 (A) one quarter        (C) one half  
 (B) twice                (D) triple