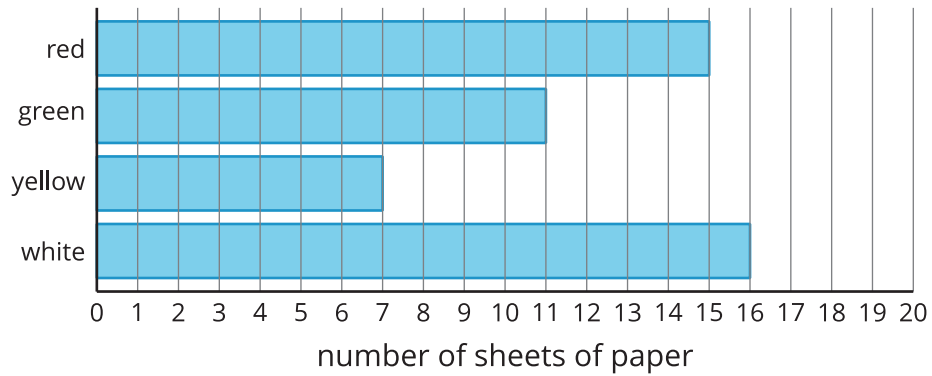


# Adding, Subtracting, and Working with Data: End-of-Unit Assessment

1. The bar graph shows the number of different color sheets of paper on a desktop.



How many more sheets of red paper are there than sheets of yellow paper?

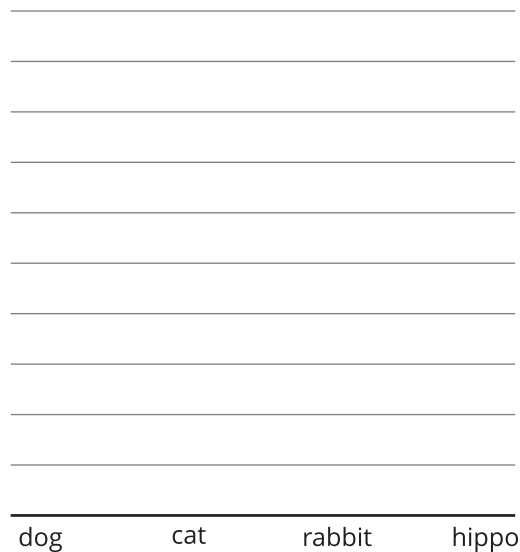
- A. 4
- B. 7
- C. 8
- D. 22

2. The table shows the favorite animals of some second grade students.

animal	number of students
dog	7
cat	8
rabbit	4
hippo	1

Represent the data shown in the table with a graph. You can make a bar graph or a picture graph.

Favorite Animals



3. Find the number that makes each equation true.

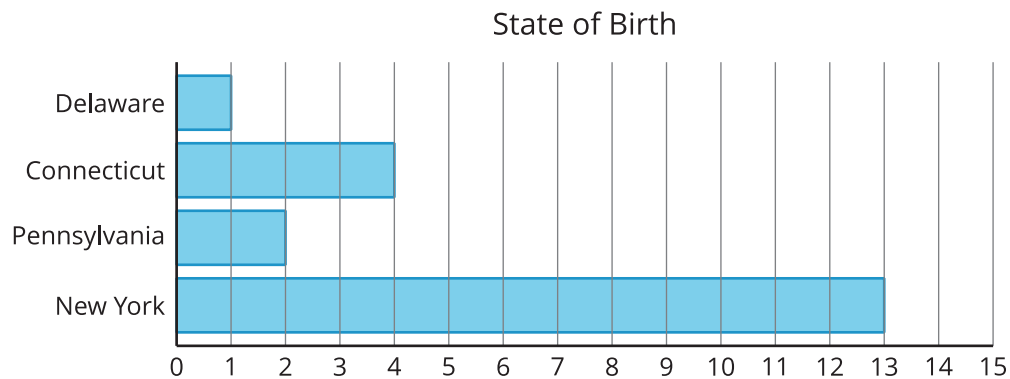
a.  $7 + \underline{\hspace{2cm}} = 18$

b.  $20 - \underline{\hspace{2cm}} = 12$

c.  $9 + 7 = \underline{\hspace{2cm}}$

d.  $19 - 14 = \underline{\hspace{2cm}}$

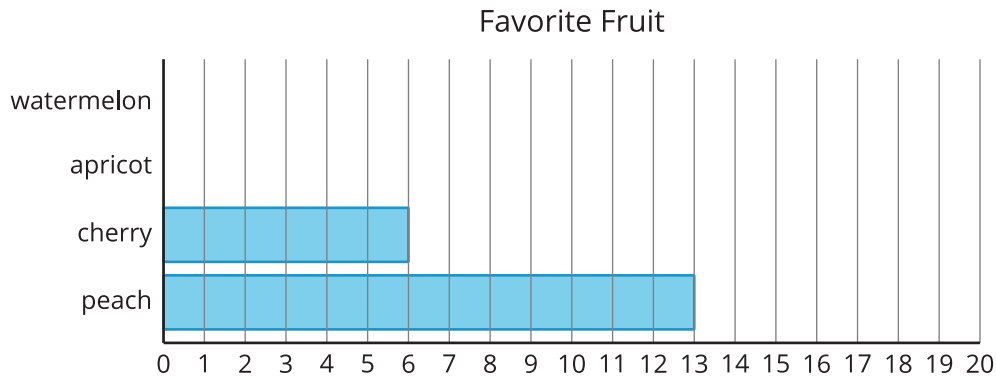
4. The bar graph shows the states where the students in a second grade class were born.



- a. How many students in the class were born in New York?
  
- b. How many students in the class were born in Pennsylvania or in Connecticut?
  
- c. How many fewer students in the class were born in Connecticut than in New York?

5. A farmer has 48 chickens on her farm. There are 26 more chickens than there are pigs. How many pigs are there on the farm? Show your thinking using diagrams, numbers, words, or equations.

6. The second grade students at a school chose their favorite summer fruit. The graph shows some of their choices.



- a. How many second graders chose cherry or peach?
  
- b. 11 students chose apricot. Show this on the graph.
  
- c. 29 students chose watermelon or apricot. How many students chose watermelon? Show or explain your reasoning.
  
- d. Show the number of students who chose watermelon on the graph.