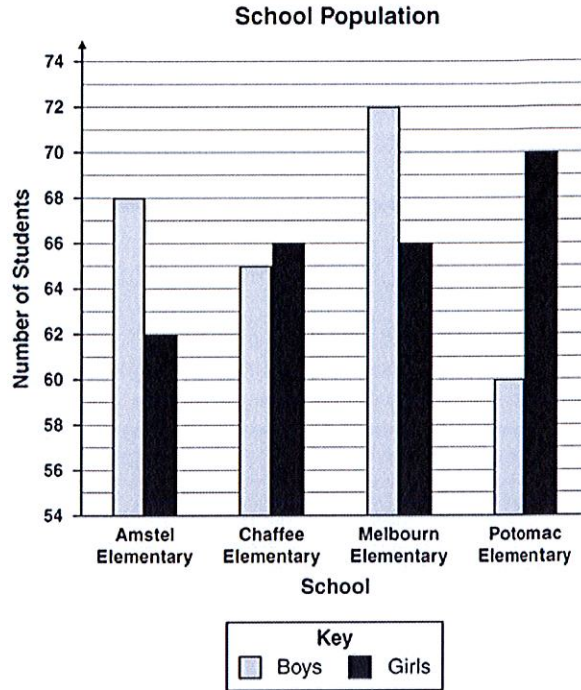A principal collected data on the numbers of fourth grade boys and girls at four elementary schools. Use the data shown in the bar graph below to answer the following questions.

School Population

Number of Students (y-axis: 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74)

School (x-axis: Amstel Elementary, Chaffee Elementary, Melbourn Elementary, Potomac Elementary)

Key
☐ Boys   ■ Girls

1. How many fourth grade girls attend Amstel, Chaffee, and Melbourn Elementary Schools?
   a. 198
   b. 265
   c. 194
   d. 459

   62 + 66 + 66 = 194

2. What is the difference between the number of boys at Chaffee Elementary and the number of girls at Potomac Elementary?
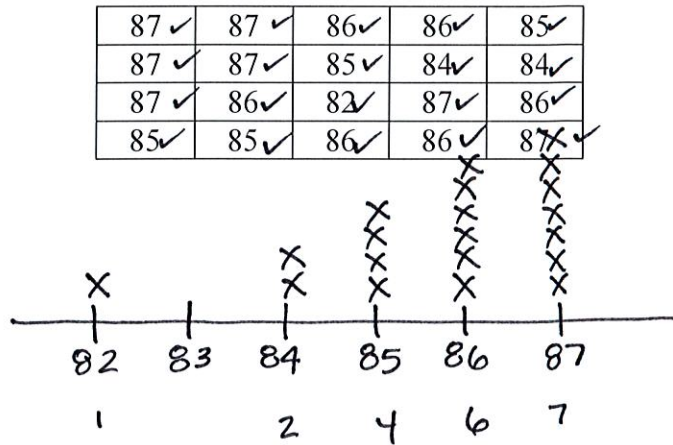   a. 135
   b. 5
   c. 4
   d. 125

   70 - 65 = 5

3. Which school has the greatest number of fourth grade boys?
   a. Amstel Elementary
   b. Chaffee Elementary
   c. Melbourn Elementary
   d. Potomac Elementary

Mrs. Jones' class tracked the daily high temperatures for 20 days in August. The chart below shows the data that the class collected. Use the data below to create a line plot and answer the following questions.

87 ✔	87 ✔	86 ✔	86 ✔	85 ✔
87 ✔	87 ✔	85 ✔	84 ✔	84 ✔
87 ✔	86 ✔	82 ✔	87 ✔	86 ✔
85 ✔	85 ✔	86 ✔	86 ✔	87 ✔

4. If the normal daily high temperature for August is 87°, how many days was the high temperature less than normal?
   a. 14
   b. 12
   c. 13
   d. 15

5. What was the most frequent daily high temperature recorded during the 20 days?
   a. 86°
   b. 85°
   c. 84°
   d. 87°

6. When Mrs. Jones' class was asked to track the daily temperatures in August what type of data did the class collect?
   a. numerical
   b. survey
   c. categorical
   d. data

7. What is the difference between the highest daily temperature and the lowest daily temperature?
   a. 2°
   b. 3°
   c. 5°
   d. 1°

   $87-82=5$

Jake, a park ranger, recorded the number of types of trees that he found at some local parks in the chart below.

Trees in Local Parks			
Park	Dogwood Trees	Maple Trees	
Creekside Park	11	19	30
Bicentennial Park	5 ·	7	12
High Point City Lake Park	12	22 ·	34
Deep River Park	7	13	20

35   61

8. Which park had least amount of trees recorded?
    a. Creekside
    b. Bicentennial
    c. High Point City Lake
    d. Deep River

9. How many more maple trees are in High Point City Lake Park than dogwood trees in Bicentennial Park?
    a. 10
    b. 17 $22 - 5 = 17$
    c. 2
    d. 11

10. How many maple trees were recorded from the four local parks that Jake visited?
    a. 60
    b. 35
    c. 61
    d. 33

ANSWER KEY

1. C
2. B
3. C
4. C
5. D
6. A
7. C
8. B
9. B
10. C

**Questions adapted from SchoolNet & NCDPI Unpacking Document