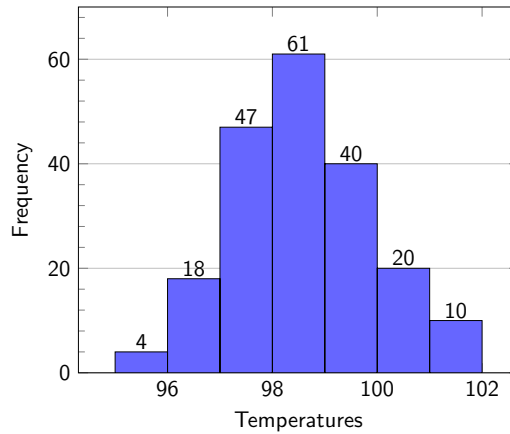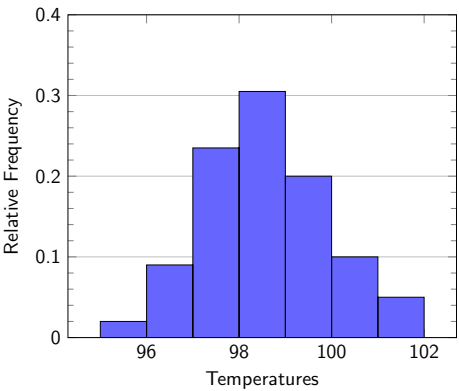## Histograms P-Set

The body temperatures, in degrees Fahrenheit, of 200 randomly selected hospital patients is shown below.
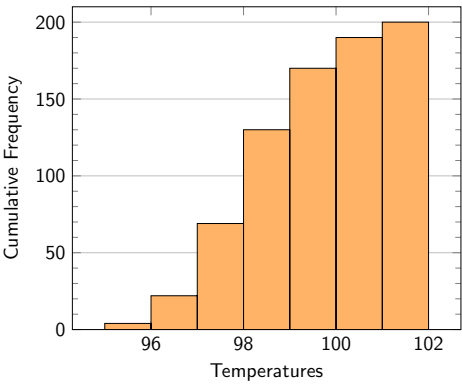

1. How many classes are shown?

2. What is the class width?

3. What is the class midpoint of the 3rd class?

4. What is the lower class limit of the 1st class?

5. What is the lower class limit of the 4th class?

6. How many body temperatures are between 98 and 100 degrees?

7. What is the relative frequency of the 2nd class? Write your answer as a reduced fraction.

8. What percent of patients have body temperatures between 98 and 100 degrees?

9. Create a relative frequency histogram for the histogram above.

10. Create a cumulative frequency histogram for the histogram above.

11. How many body temperatures are less than 97 degrees?

Key

1. 7

2. 1

3. 97.5

4. 95

5. 98

6. 101

7. 9/100

8. 50.5%

9.

10.

11. 22