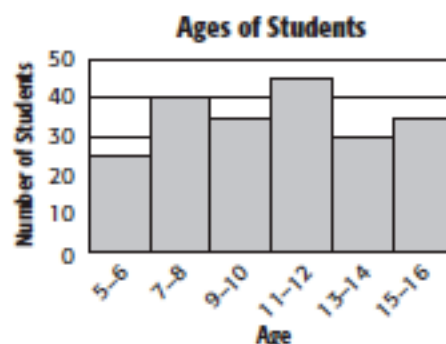


Write the letter for the correct answer in the blank at the right of each question.

AGE Use the histogram at the right.



1. Which interval represents the greatest number of students?

A. 13–14 C. 7–8
B. 15–16 D. 11–12

1. _____

2. How many students are at least 11 years old?

F. 65 H. 125
G. 110 J. 145

2. _____

3. How many students are less than 11 years old?

A. 100 B. 110 C. 125 D. 145

3. _____

Use the table that shows the number of students in each grade at Southern Middle School.

Enrollment	
Sixth Grade	165
Seventh Grade	185
Eighth Grade	150

4. If the data were displayed in a circle graph, what percent of the graph would represent the seventh grade?

F. 30% G. 33% H. 34% J. 37%

4. _____

5. In a circle graph, how many degrees would represent the eighth grade?

A. 108° B. 119° C. 122° D. 133°

5. _____

Use the set of data 20, 28, 30, 6, 15, 18, 21, 22, 25, 29, 24, 26.

6. Find the mean of the data.

F. 21 G. 22 H. 23 J. no mean

6. _____

7. Find the median of the data.

A. 21 B. 22 C. 23 D. no median

7. _____

8. Find the mode of the data.

F. 21 G. 22 H. 23 J. no mode

8. _____

9. Find the range of the data.

A. 8 B. 24 C. 30 D. 36

9. _____

10. Find the upper and lower quartiles of the data.

F. 24, 22 G. 27, 19 H. 28, 18 J. 30, 6

10. _____

11. Find the interquartile range of the data.

A. 2 B. 8 C. 10 D. 24

11. _____

12. Find any outliers of the data.

F. 6 G. 30 H. 42 J. no outliers

12. _____