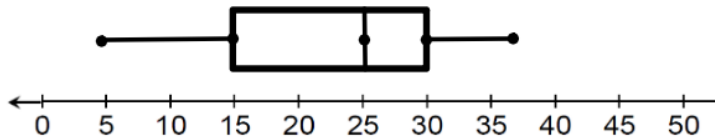The box plot represents heights of **16** 7th grade students

Use box plot above for 1-4

1. What is the **interquartile range?** _____
2. What is the median height? _____
3. What **percent** of students are shorter than 56 inches? _____
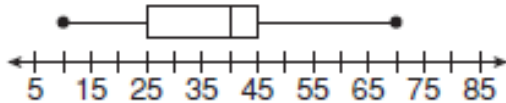4. **How many** students are between 56 and 64 inches? _____

Use the box plot above for question 5

5. Complete the **five number summary** for the box plot.
   Minimum = _____
   First or Lower quartile: _____
   Median = _____
   Third or Upper quartile: _____
   Maximum = _____
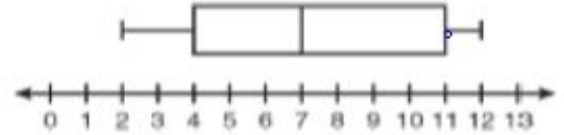
Use the box plot below to answer questions 6-8

Survey of Ages of Participants

6. What is the range of ages in years for the participants in the survey? _____

7. 25% of the participants are younger than what age? _____

8. Between what ages represents 50% of the data? _____

9. Circle the correct answer
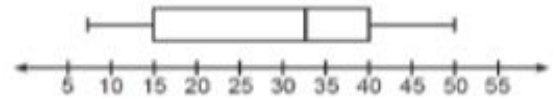
   Based on the box-and-whisker plot below, which statement is *false?*

   1) The median is 7.
   2) The range is 12.
   3) The first quartile is 4.
   4) The third quartile is 11.

10. Circle the correct answer

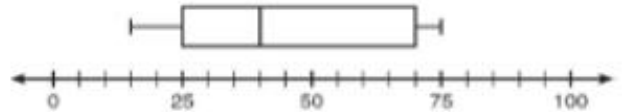   The box-and-whisker plot below represents the ages of 12 people.

    What percentage of these people are age 15 or older?
    1) 25
    2) 35
    3) 75
    4) 85

11. Circle the correct answer

    What is the range of the data represented in the box-and-whisker plot shown below?

    1) 40
    2) 45
    3) 60
    4) 100