

Lesson 7.2: Median and Range

1. Find the median and range of each set of data.
 - a) 65, 50, 80, 45, 90, 80, 75
 - b) 12, 34, 17, 25, 45, 16, 21, 24
 - c) 63, 47, 215, 148, 532, 28
 - d) 44, 36, 53, 31, 40, 36, 112, 69, 22, 52

2. Eight teams entered an ice-hockey tournament.
The number of goals scored by each team in the tournament were:
36, 39, 11, 9, 16, 5, 21, 40
 - a) Find the range of goals scored.
 - b) What is the median number of goals scored by each team in the tournament?

3.
 - a) Write a set of 5 numbers with median 14.
 - b) Write a set of 10 numbers with median 18.
 - c) Write a set of 8 numbers with median 15 and range 18.

4.
 - a) There are 23 numbers arranged from least to greatest.
Which one is the median?
 - b) There are 24 numbers arranged from least to greatest.
How would you find the median?

5. The mean of 5 numbers is 30.
The median is 33.
What might the numbers be?
Find 2 different answers.

6.
 - a) The median age of 12 people at the bus stop is 34.
What might the ages be?
How do you know?
 - b) The mode age of 10 people in the post office is 45.
What might the ages be?
How do you know?