

Name:

Date:

# Scale and Interval - I

1. What is the most reasonable interval for each set of data out of 2, 5, 7, 25 or 100?

a. 900, 100, 800, 300, 1,000

Solution:

d. 35, 49, 63, 70, 14

Solution:

b. 50, 100, 125, 175, 75

Solution:

e. 4, 6, 12, 16, 32

Solution:

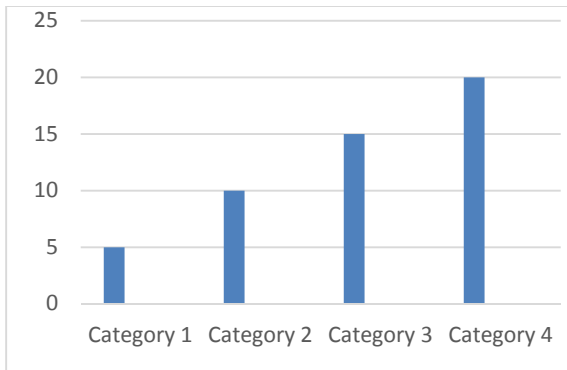
c. 102, 108, 120, 112, 114

Solution:

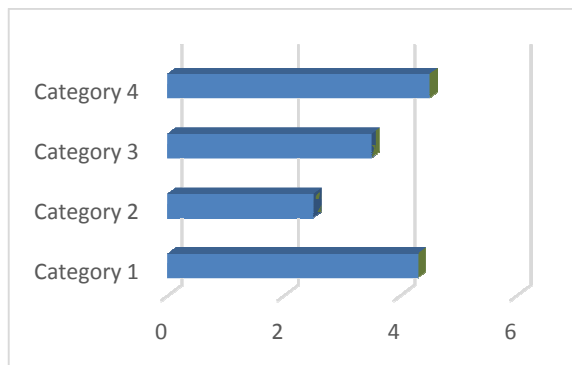
f. 15, 25, 45, 75, 80

Solution:

2. What is the scale for the each of the following graphs?



Solution:



Solution:

3. Define "Scale" and "Interval" for a graph.

Scale: \_\_\_\_\_

Interval: \_\_\_\_\_

4. For each of the data set given below, choose the most reasonable interval.

- a. 23, 46, 69, 230 (23 or 100) \_\_\_\_\_
- b. 12, 144, 36, 120 (10 or 12) \_\_\_\_\_
- c. 36, 72, 48, 60 (12 or 30) \_\_\_\_\_