

Name _____

Date _____

Mean and Standard Deviation Distributions - Matching Worksheet

Write the letter of the answer that matches the problem.

_____ 1. The frequency table of the number of books each student has in a class is shown below.

Number of books	Frequency
12	9
18	2
16	3
25	6
30	5

a. 3.35

a) Calculate the mean of the number of books each student has.

_____ 2. Consider the following three Data Sets A, B and C.

A = {8, 4, 2, 4, 8}

B = {6, 7, 6, 12, 14}

Calculate the standard deviation of data set B.

b. 11
(rounded to nearest unit)

_____ 3. The frequency table of the number of cookies each kid in a class has is shown below.

Number of cookies	Frequency
4	1
7	4
16	2
32	3

c. 4.8, 5.4

a) Calculate the standard deviation of the number of books each kid has.

_____ 4. Consider the following three Data Sets A, B and C.

A = {7, 7, 0, 9, 1}

B = {9, 5, 4, 2, 7}

Calculate the mean of each data set.

d. 19.68

