

# Constructing Line Plots (A)

Construct a line plot from the data set then answer the questions.

## Data Set 1

18   12   16   18   18   13   19   14   17   14   15  
13   13   15

## Line Plot 1



1. Determine the minimum value, maximum value and range of the data.
2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

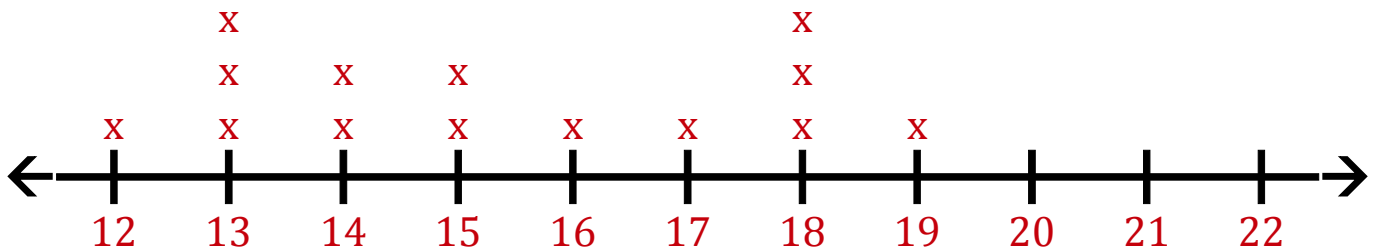
# Constructing Line Plots (A) Answers

Construct a line plot from the data set then answer the questions.

## Data Set 1

18 12 16 18 18 13 19 14 17 14 15  
13 13 15

## Line Plot 1



1. Determine the minimum value, maximum value and range of the data.

Minimum: 12 Maximum: 19 Range: 7

2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

Count: 14 Median: 15 Mode: 13 18 Mean: 15.4

## Constructing Line Plots (B)

Construct a line plot from the data set then answer the questions.

### Data Set 2

29	30	20	22	24	20	23	24	23	27	21
30	23	21	27	27	29	21	29	29	30	24

### Line Plot 2



1. Determine the minimum value, maximum value and range of the data.
2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

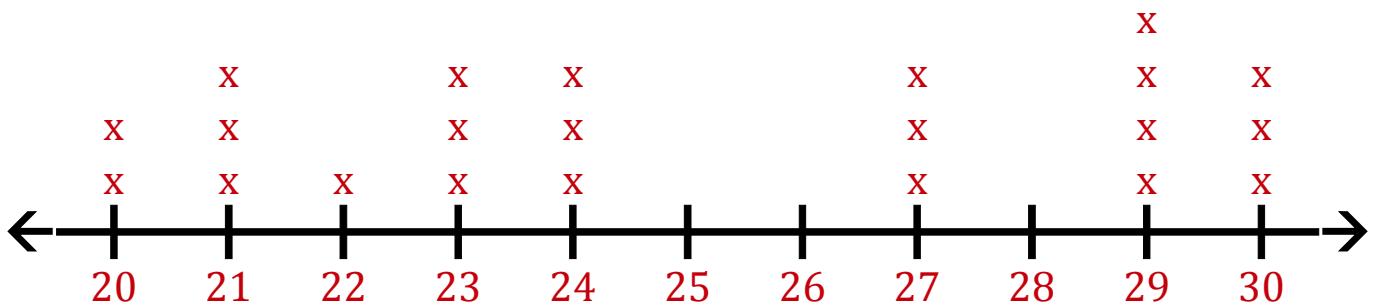
## Constructing Line Plots (B) Answers

Construct a line plot from the data set then answer the questions.

### Data Set 2

29	30	20	22	24	20	23	24	23	27	21
30	23	21	27	27	29	21	29	29	30	24

### Line Plot 2



1. Determine the minimum value, maximum value and range of the data.

Minimum: 20 Maximum: 30 Range: 10

2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

Count: 22 Median: 24 Mode: 29 Mean: 25.1

## Constructing Line Plots (C)

Construct a line plot from the data set then answer the questions.

### Data Set 3

23	18	15	15	15	17	18	24	19	24	22
19	23	25	18	18	24	19	17	21	21	22
22	21	22	23	25	21	19	15			

### Line Plot 3



1. Determine the minimum value, maximum value and range of the data.
2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

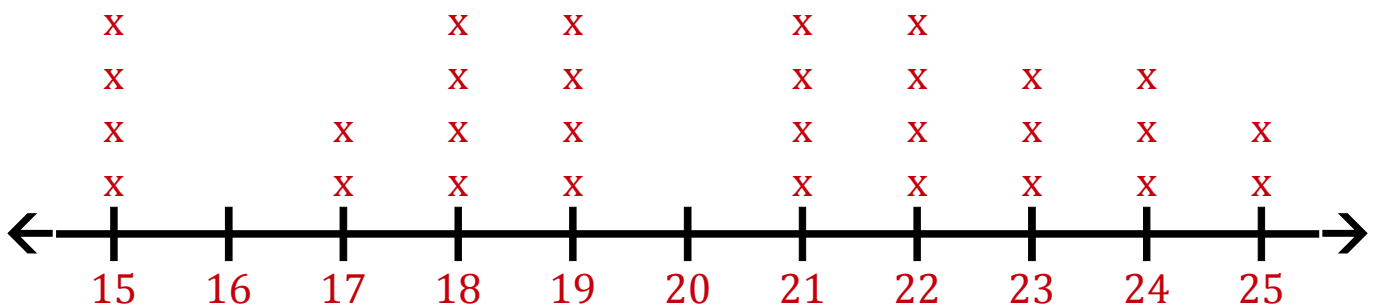
# Constructing Line Plots (C) Answers

Construct a line plot from the data set then answer the questions.

## Data Set 3

23	18	15	15	15	17	18	24	19	24	22
19	23	25	18	18	24	19	17	21	21	22
22	21	22	23	25	21	19	15			

## Line Plot 3



1. Determine the minimum value, maximum value and range of the data.

Minimum: 15 Maximum: 25 Range: 10

2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

Count: 30 Median: 21 Mode: 15 18 19 21 22 Mean: 20.2

## Constructing Line Plots (D)

Construct a line plot from the data set then answer the questions.

### Data Set 4

24    25    31    31    25    33    33    26    29    31    23  
23    33    24    24    28    30

### Line Plot 4



1. Determine the minimum value, maximum value and range of the data.
2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

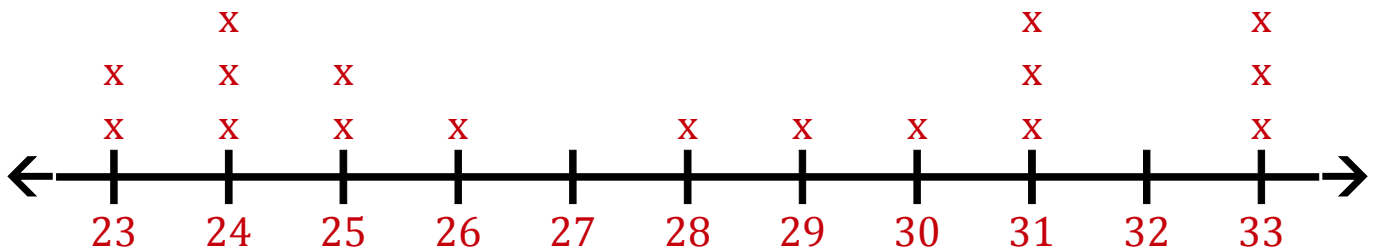
## Constructing Line Plots (D) Answers

Construct a line plot from the data set then answer the questions.

### Data Set 4

24    25    31    31    25    33    33    26    29    31    23  
23    33    24    24    28    30

### Line Plot 4



1. Determine the minimum value, maximum value and range of the data.

Minimum: 23 Maximum: 33 Range: 10

2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

Count: 17 Median: 28 Mode: 24 31 33 Mean: 27.8



## Constructing Line Plots (E)

Construct a line plot from the data set then answer the questions.

### Data Set 5

21   23   24   21   22   22   25   24   22   21   31  
28   28   30   22

### Line Plot 5



1. Determine the minimum value, maximum value and range of the data.
2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

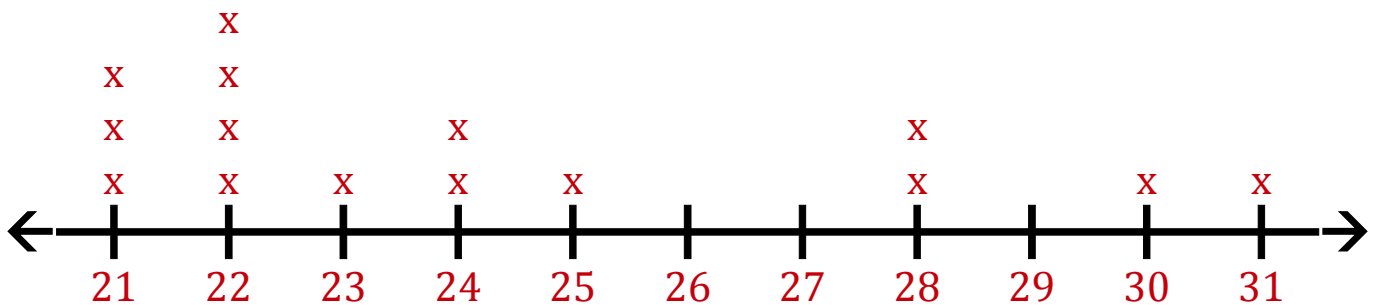
## Constructing Line Plots (E) Answers

Construct a line plot from the data set then answer the questions.

### Data Set 5

21    23    24    21    22    22    25    24    22    21    31  
28    28    30    22

### Line Plot 5



1. Determine the minimum value, maximum value and range of the data.

Minimum: 21 Maximum: 31 Range: 10

2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

Count: 15 Median: 23 Mode: 22 Mean: 24.3

## Constructing Line Plots (F)

Construct a line plot from the data set then answer the questions.

### Data Set 6

21	20	19	28	27	27	19	25	24	20	25
28	24	18	26	27	26	25	28	19	19	24
25	22	24	18							

### Line Plot 6



1. Determine the minimum value, maximum value and range of the data.
2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

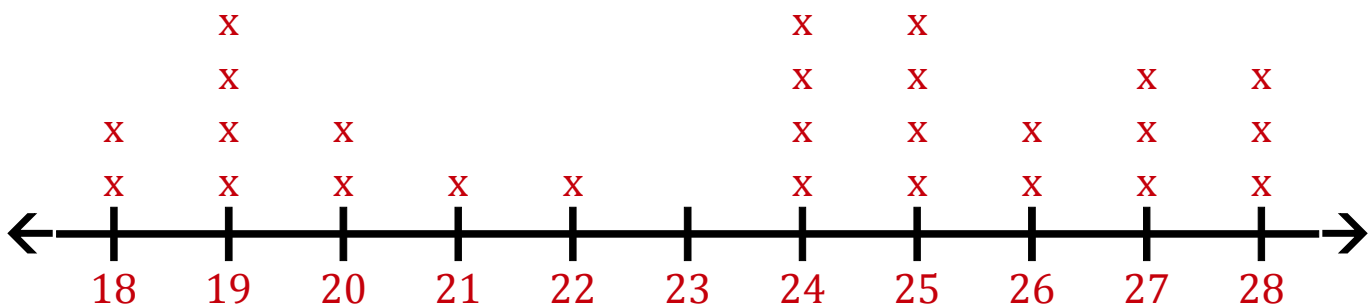
# Constructing Line Plots (F) Answers

Construct a line plot from the data set then answer the questions.

## Data Set 6

21	20	19	28	27	27	19	25	24	20	25
28	24	18	26	27	26	25	28	19	19	24
25	22	24	18							

## Line Plot 6



1. Determine the minimum value, maximum value and range of the data.

**Minimum: 18 Maximum: 28 Range: 10**

2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

**Count: 26 Median: 24 Mode: 19 24 25 Mean: 23.4**

# Constructing Line Plots (G)

Construct a line plot from the data set then answer the questions.

## Data Set 7

19	24	27	19	25	24	23	27	28	19	28
21	21	23	26	25	28	25	22	21	19	29
24	27	28	21	24	26	26				

## Line Plot 7



1. Determine the minimum value, maximum value and range of the data.
2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

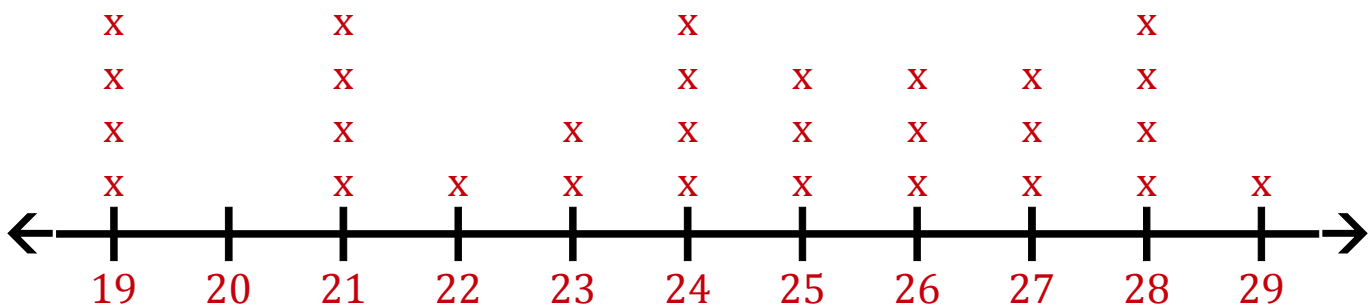
# Constructing Line Plots (G) Answers

Construct a line plot from the data set then answer the questions.

## Data Set 7

19	24	27	19	25	24	23	27	28	19	28
21	21	23	26	25	28	25	22	21	19	29
24	27	28	21	24	26	26				

## Line Plot 7



1. Determine the minimum value, maximum value and range of the data.

Minimum: 19 Maximum: 29 Range: 10

2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

Count: 29 Median: 24 Mode: 19 21 24 28 Mean: 24.1

# Constructing Line Plots (H)

Construct a line plot from the data set then answer the questions.

## Data Set 8

16	10	8	9	9	9	15	8	9	16	11
15	13	16	8	10	8	18	11	11	13	10
18	13									

## Line Plot 8



1. Determine the minimum value, maximum value and range of the data.
2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

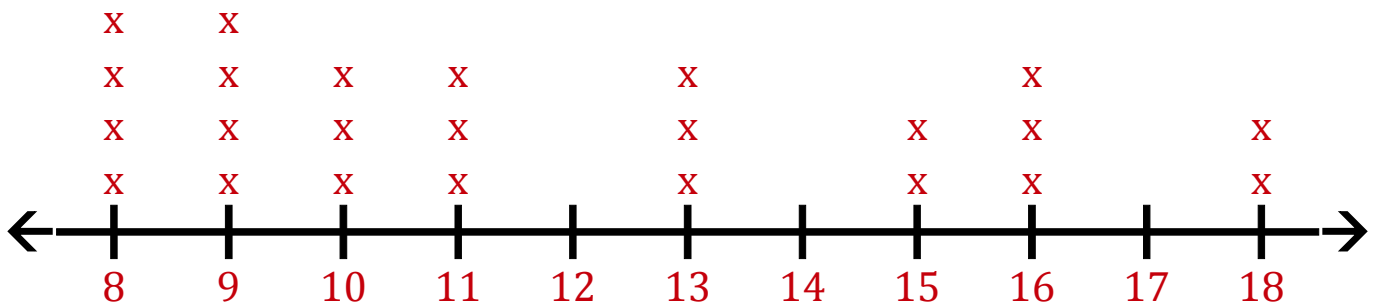
# Constructing Line Plots (H) Answers

Construct a line plot from the data set then answer the questions.

## Data Set 8

16	10	8	9	9	9	15	8	9	16	11
15	13	16	8	10	8	18	11	11	13	10
18	13									

## Line Plot 8



1. Determine the minimum value, maximum value and range of the data.

**Minimum: 8 Maximum: 18 Range: 10**

2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

**Count: 24 Median: 11 Mode: 8 9 Mean: 11.8**



# Constructing Line Plots (I)

Construct a line plot from the data set then answer the questions.

## Data Set 9

22   32   23   25   22   26   25   25   23   32   24  
26   25   32   23   23

## Line Plot 9



1. Determine the minimum value, maximum value and range of the data.
2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

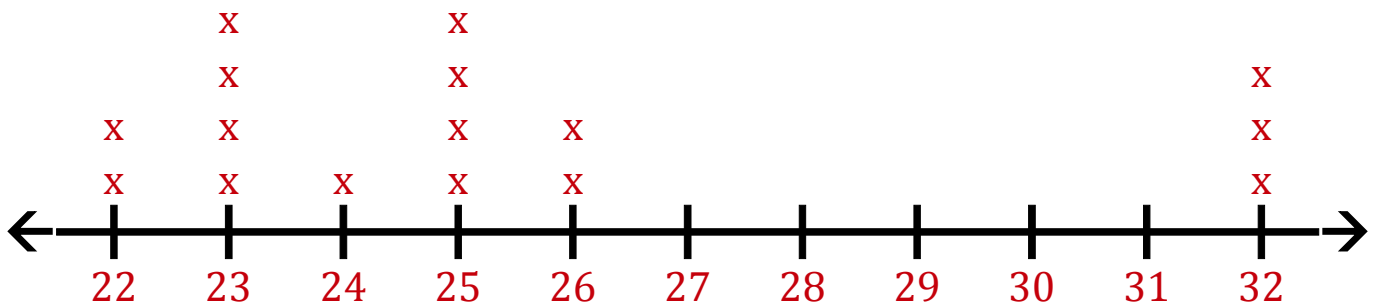
# Constructing Line Plots (I) Answers

Construct a line plot from the data set then answer the questions.

## Data Set 9

22 32 23 25 22 26 25 25 23 32 24  
26 25 32 23 23

## Line Plot 9



1. Determine the minimum value, maximum value and range of the data.

Minimum: 22 Maximum: 32 Range: 10

2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

Count: 16 Median: 25 Mode: 23 25 Mean: 25.5

# Constructing Line Plots (J)

Construct a line plot from the data set then answer the questions.

## Data Set 10

21   21   24   21   21   20   20   24

## Line Plot 10



1. Determine the minimum value, maximum value and range of the data.
2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

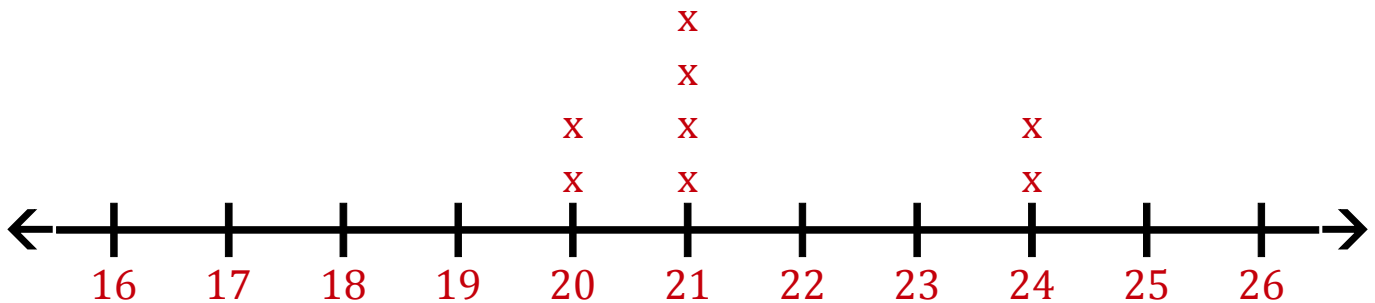
# Constructing Line Plots (J) Answers

Construct a line plot from the data set then answer the questions.

## Data Set 10

21 21 24 21 21 20 20 24

## Line Plot 10



1. Determine the minimum value, maximum value and range of the data.

**Minimum: 20 Maximum: 24 Range: 4**

2. Determine the count, median, mode and mean of the data. Round the mean to one decimal place if necessary.

**Count: 8 Median: 21 Mode: 21 Mean: 21.5**