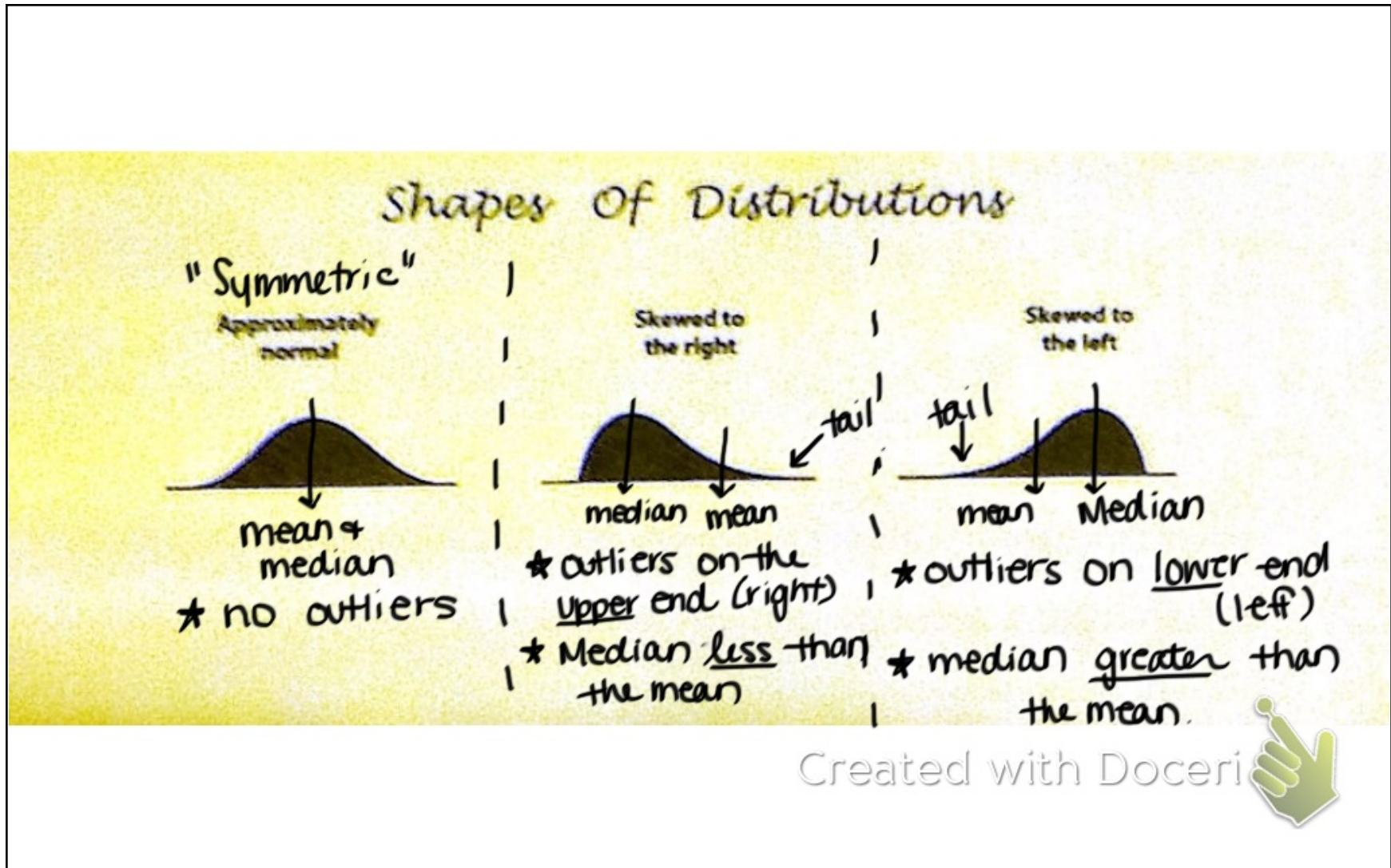


# Math 1

- Toolkits & glue sticks
- Parent contact forms need to be handed in

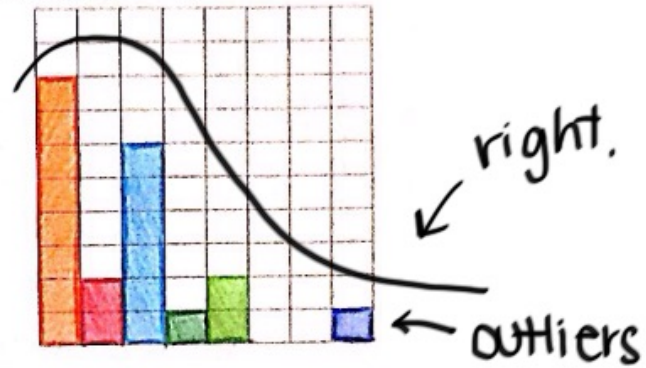
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th 1 Name \_\_\_\_\_  
 1. Create a frequency table and histogram for the total calories in the fast food sandwiches listed. (count by 100's)

Total Calories	Frequency
300-399	8
400-499	2
500-599	6
600-699	1
700-799	2
800-899	0
900-999	0
1000-1099	1
20	

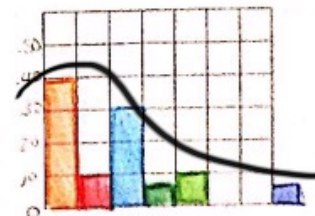


a.) Describe the shape of the distribution

skewed right

2. Create a relative frequency histogram for the total calories in the fast food sandwiches listed.

Total Calories	Relative Frequency	%
300-399	.4	8/20
400-499	.1	2/20
500-599	.3	
600-699	.05	
700-799	.1	
800-899	0	
900-999	0	
1000-1099	.05	



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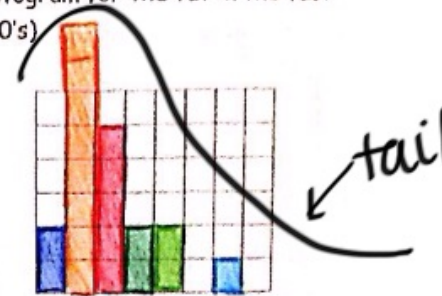


Math 1

Name \_\_\_\_\_

3. Create a frequency table and histogram for the fat in the fast food sandwiches listed. (count by 10's)

Fat (in grams)	Frequency
0-9	2
10-19	8
20-29	5
30-39	2
40-49	2
50-59	0
60-69	1
70-79	0

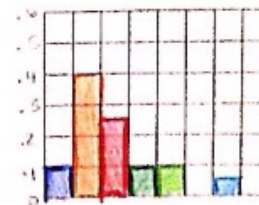


a) Describe the shape of the distribution

Skewed right

4. Create a relative frequency histogram for the fat in the fast food sandwiches listed.

Fat (in grams)	Relative Frequency
0-9	.1
10-19	.4
20-29	.25
30-39	.1
40-49	.1
50-59	0
60-69	.05
70-79	0



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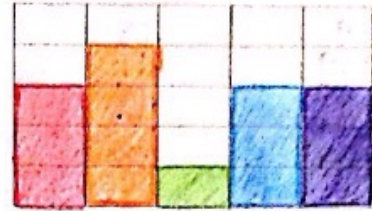


Create a frequency table and histogram for the following data. (Count by 10's)

1. (3, 2, 4, 15, 14, 17, 10, 20, 33, 30, 31, 45, 46, 44)

Data	Frequency	Relative Frequency
0-9	3	3/14 .21
10-19	4	4/14 .29
20-29	1	1/14 .07
30-39	3	3/14 .21
40-49	3	3/14 .21

14



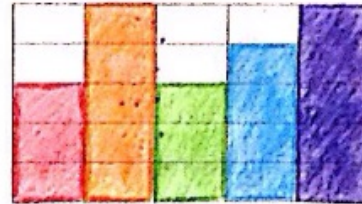
Describe the shape of the distribution.

Symmetric

2. (9, 8, 2, 16, 16, 16, 12, 10, 26, 27, 25, 34, 30, 34, 37, 46, 43, 43, 43)

Data	Frequency	Relative Frequency
0-9	3	.15
10-19	5	.25
20-29	3	.15
30-39	4	.2
40-49	5	.25

20



Describe the shape of the distribution.

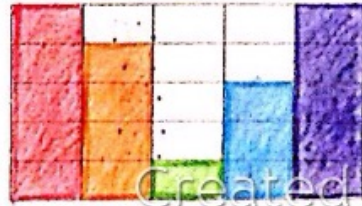
Symmetric

3. (2, 0, 3, 7, 1, 10, 10, 19, 10, 24, 39, 35, 33, 43, 43, 42, 47, 62)

Data	Frequency	Relative Frequency
0-9	5	.28
10-19	4	.22
20-29	1	.06
30-39	2	.17
40-49	5	.28

Describe the shape of the distribution.

Symmetric

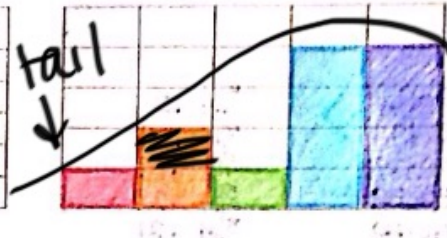


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4. 5, 10, 24, 25, 38, 38, 19, 34, 46, 45, 48, 49

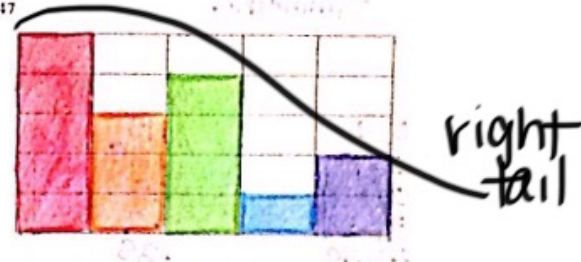
Data	Frequency	Relative Frequency
0-9	1	.08
10-19	3	.17
20-29	1	.08
30-39	4	.33
40-49	4	.33
12		



Describe the shape of the distribution.  
skewed left

5. 2, 2, 2, 8, 9, 19, 12, 11, 26, 22, 27, 23, 32, 41, 47

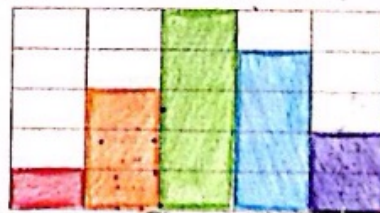
Data	Frequency	Relative Frequency
0-9	5	.33
10-19	3	.2
20-29	4	.27
30-39	1	.07
40-49	2	.13
15		



Describe the shape of the distribution.  
skewed right

6. 8, 11, 14, 17, 28, 25, 25, 24, 27, 38, 39, 30, 31, 42, 41

Data	Frequency	Relative Frequency
0-9	1	.07
10-19	3	.2
20-29	5	.33
30-39	4	.27
40-49	2	.13
15		



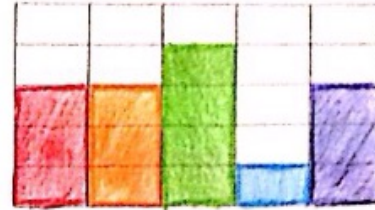
Describe the shape of the distribution.  
symmetric

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7. 4, 7, 3, 11, 19, 18, 26, 20, 20, 25, 36, 42, 48, 47

Data	Frequency	Relative Frequency
0-9	3	.21
10-19	3	.21
20-29	4	.29
30-39	1	.07
40-49	3	.21

14



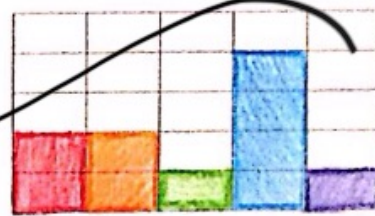
Describe the shape of the distribution.

skewed right or symmetric

8. 4, 8, 12, 17, 21, 30, 37, 31, 35, 48

Data	Frequency	Relative Frequency
0-9	2	.2
10-19	2	.2
20-29	1	.1
30-39	4	.4
40-49	1	.1

10



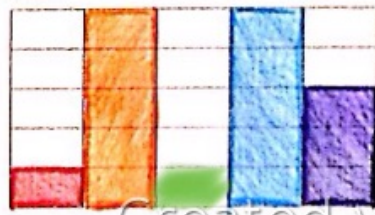
Describe the shape of the distribution.

skewed left

9. 7, 12, 15, 19, 13, 13, 23, 37, 35, 34, 36, 37, 49, 41, 40

Data	Frequency	Relative Frequency
0-9	1	.07
10-19	5	.36
20-29	1	.07
30-39	5	.36
40-49	3	.21

14

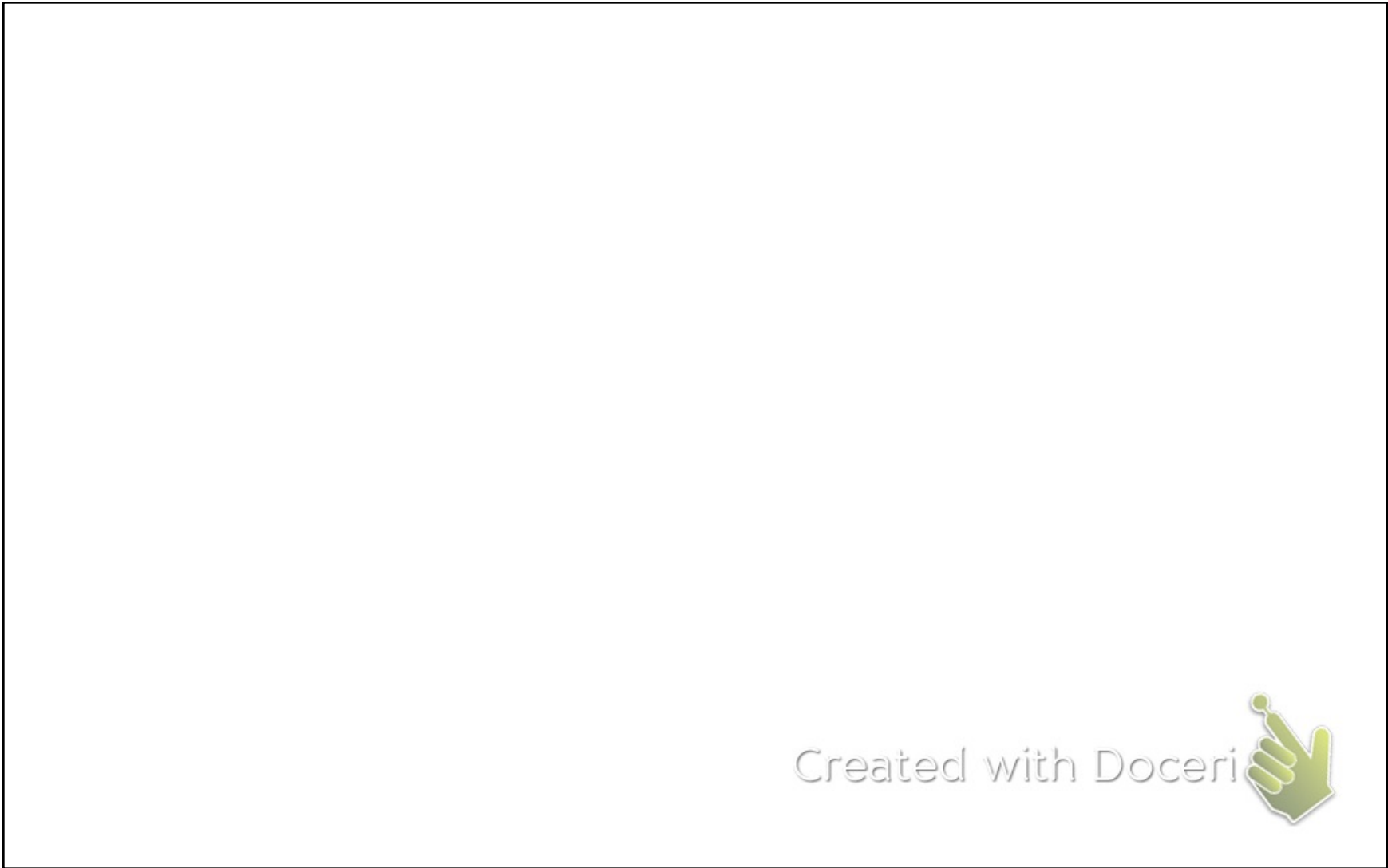


Describe the shape of the distribution.

Symmetric

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