

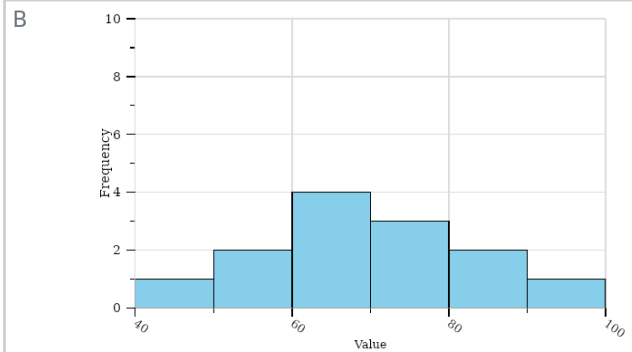
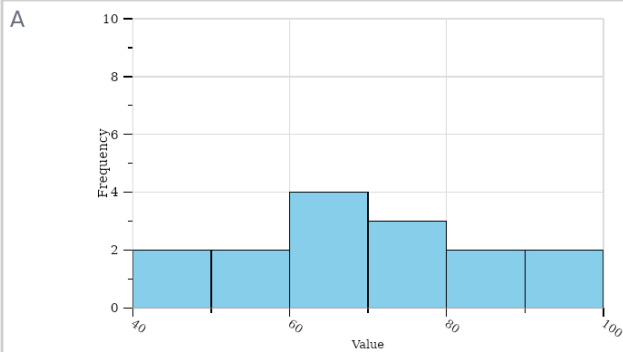


Interpret histograms

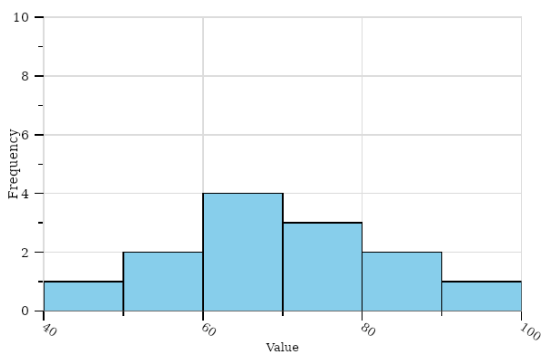
1

Which histogram best matches this frequency table?

Class	(40, 50)	(50, 60)	(60, 70)	(70, 80)	(80, 90)	(90, 100)
Freq	1	2	4	3	2	1

**2**

Which frequency table matches this histogram?



A

Class	(40, 50)	(50, 60)	(60, 70)	(70, 80)	(80, 90)	(90, 100)
Freq	1	2	4	3	2	1

B

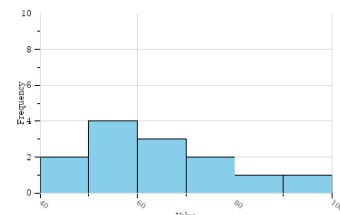
Class	(40, 50)	(50, 60)	(60, 70)	(70, 80)	(80, 90)	(90, 100)
Freq	1	2	4	3	2	1

C

Class	(40, 50)	(50, 60)	(60, 70)	(70, 80)	(80, 90)	(90, 100)
Freq	1	2	4	3	2	1

3

What is the modal class?



A [60, 70) **B** [50, 60) **C** [70, 80) **D** [40, 50)

4

Right skewed

A

Class	(40, 50)	(50, 60)	(60, 70)	(70, 80)	(80, 90)	(90, 100)
Freq	1	2	4	3	2	1

B

Class	(40, 50)	(50, 60)	(60, 70)	(70, 80)	(80, 90)	(90, 100)
Freq	1	2	4	3	2	1

C

Class	(40, 50)	(50, 60)	(60, 70)	(70, 80)	(80, 90)	(90, 100)
Freq	1	2	4	3	2	1

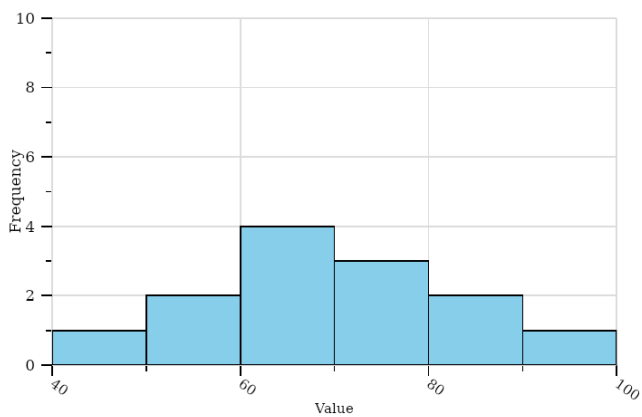


Interpret histograms

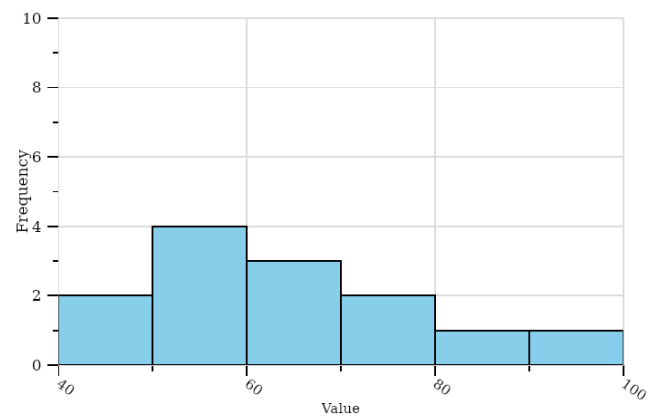
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Modal Class: (50,60)

A

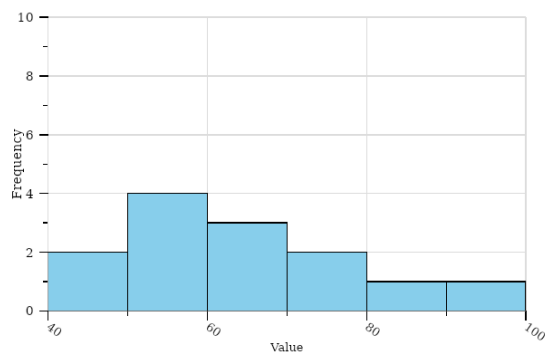


B



6

Which frequency table has modal class [50, 60)?



A

Class	Frequency
[40, 50)	1
[50, 60)	2
[60, 70)	4
[70, 80)	3
[80, 90)	2
[90, 100)	1

B

Class	Frequency
[40, 50)	2
[50, 60)	4
[60, 70)	3
[70, 80)	2
[80, 90)	1
[90, 100)	1

C

Class	Frequency
[40, 50)	2
[50, 60)	4
[60, 70)	3
[70, 80)	2
[80, 90)	1
[90, 100)	1

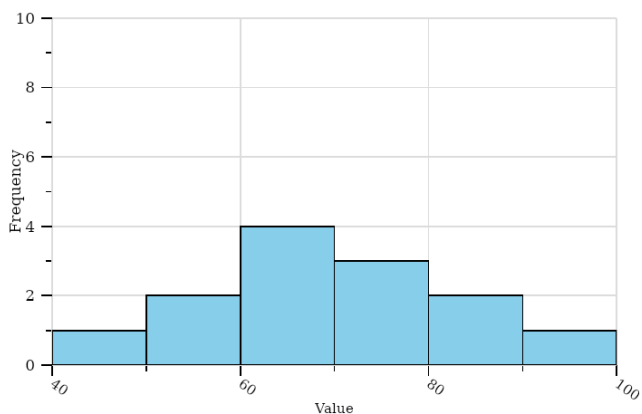


Interpret histograms

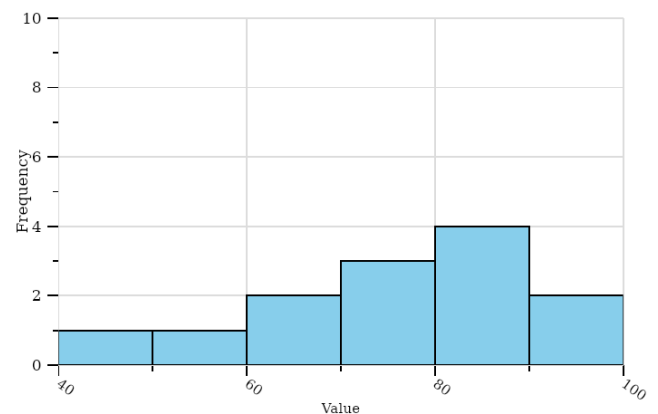
7

Left-skewed Distribution

A



B



8

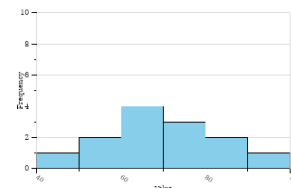
What distribution type does this frequency table suggest?

Class	[40, 50)	[50, 60)	[60, 70)	[70, 80)	[80, 90)	[90, 100]
Freq	1	2	4	3	2	1

A right-skewed B uniform C left-skewed D approximately symmetric

9

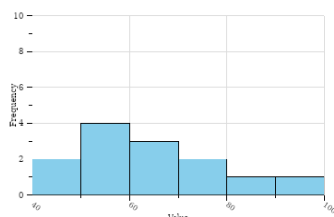
What is the distribution type of this histogram?



A left-skewed B right-skewed C uniform D approximately symmetric

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Estimate the median from this histogram.



A 60 B 80 C 90 D 40