

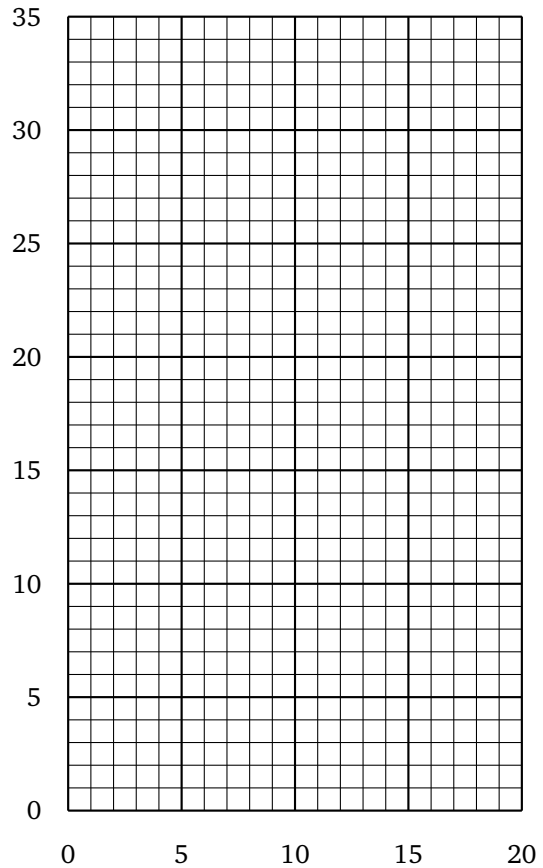
Worksheet on Histograms

Name:

13	12	6	4	8	6	12	4	7	9	14	8	4	12	9	4
14	15	12	14	4	11	14	10	7	1	6	9	14	15	7	13
4	12	8	0	11	6	13	10	0	7	13	3	5	13	3	9
3	15	12	7	1	5	8	14	1	8	11	8	13	8	15	9
9	7	9	6	9	4	3	2	9	10	7	1	12	14	14	13
14	14	8	6	11	4	12	13	14	9	15	9	7	10	15	14
12	1	9	7	10	13	3	11	1	3	12	5	13	1	2	11
0	9	14	8	10	0	10	9	9	6	5	15	0	0	15	2
1	3	12	14	0	6	1	4	3	10	5	2	8	0	1	15
3	5	11	13	14	2	10	15	0	10	13	5	4	9	7	2
7	6	9	8	4	5	13	4	8	0	11	5	0	4	3	15
5	4	5	15	10	9	11	6	6	10	0	3	5	3	10	6

Seed: 0

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

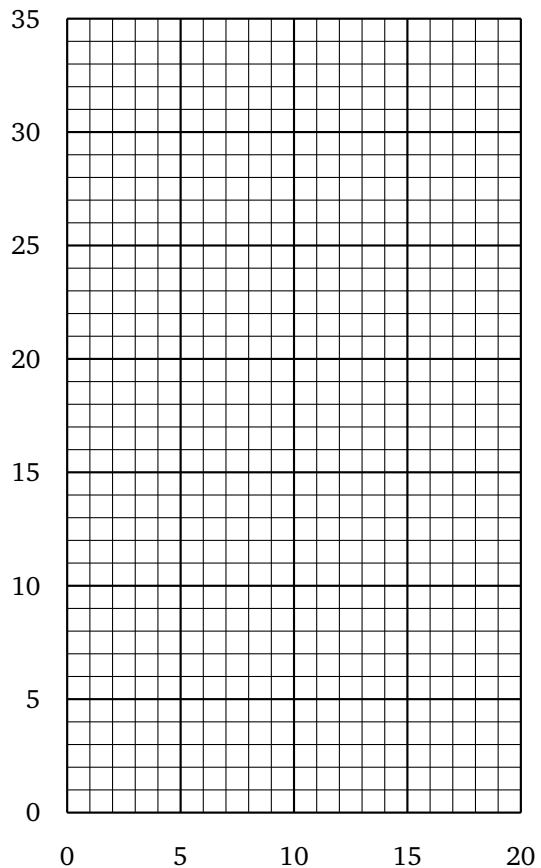
Worksheet on Histograms

Name:

2	13	12	4	7	7	10	12	1	0	13	6	12	0	7	11
3	15	14	0	0	8	15	6	3	6	0	3	7	7	3	3
3	7	4	0	13	8	10	2	15	13	1	5	11	11	14	6
13	10	4	9	14	13	8	9	0	3	12	6	2	8	11	10
5	7	8	12	8	6	7	0	0	11	15	9	6	2	8	15
12	8	13	3	8	15	9	7	4	8	15	0	12	13	14	11
12	8	8	6	0	13	9	3	8	7	5	5	8	9	9	7
0	3	2	9	13	12	12	13	4	13	10	1	0	0	12	3
1	9	5	1	2	8	2	4	11	7	5	7	0	6	6	3
1	14	8	3	9	13	0	0	2	11	2	11	10	8	3	15
12	8	3	10	6	9	5	10	0	4	15	14	4	13	4	15
11	6	4	0	14	0	13	15	9	2	13	15	11	8	6	5

Seed: 1

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

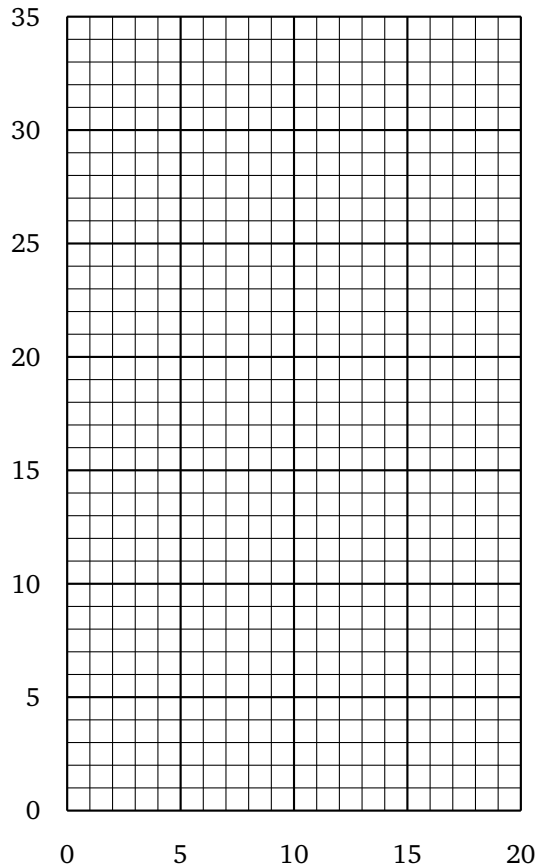
Worksheet on Histograms

Name: _____

15	15	0	1	13	11	10	4	9	9	9	2	6	6	11	15
15	8	7	4	0	0	7	5	6	14	8	8	3	0	5	2
8	15	10	2	14	12	11	14	12	12	5	15	15	2	12	11
7	8	7	14	8	13	5	14	14	7	9	14	11	7	3	5
11	2	14	4	14	4	15	11	8	8	10	9	4	3	8	14
9	1	13	11	14	3	11	0	10	4	3	14	1	8	13	3
3	14	6	11	0	5	2	10	1	15	0	11	0	4	13	2
2	11	6	0	15	2	0	5	9	11	1	5	0	7	12	11
14	12	13	11	7	3	10	5	1	7	13	2	9	6	8	2
15	4	9	6	0	8	2	0	0	2	1	10	8	15	14	15
3	7	4	9	9	12	11	4	6	8	0	0	6	1	11	3
1	2	3	3	8	7	4	10	3	14	15	11	6	8	9	0

Seed: 2

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

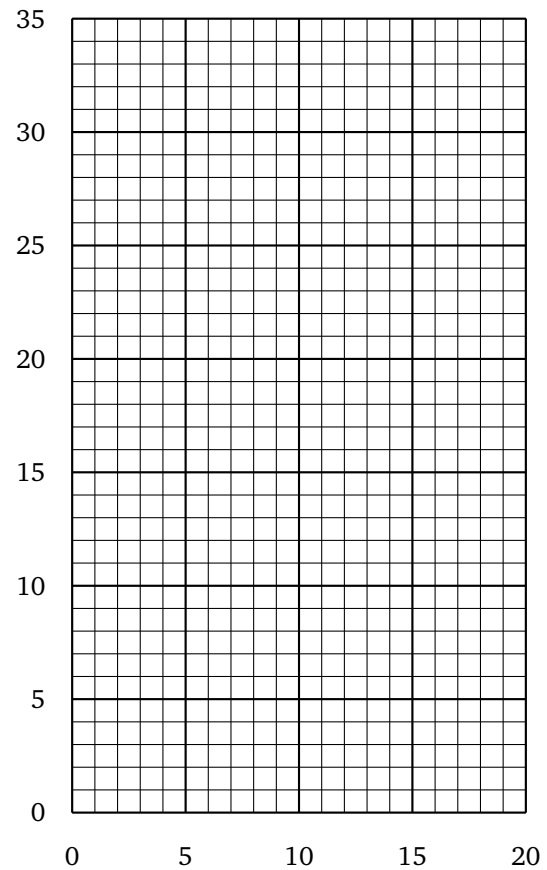
Worksheet on Histograms

Name:

3	8	5	9	10	1	0	13	4	3	15	7	13	7	10	2
10	13	8	11	10	1	12	9	4	0	13	7	11	14	11	14
6	12	7	14	14	1	2	3	15	6	10	4	8	6	5	9
9	14	10	14	13	15	10	2	13	15	14	9	11	3	13	9
4	1	13	15	1	12	6	2	4	12	13	0	9	0	11	5
14	15	8	15	4	1	9	0	3	6	9	2	0	13	5	15
14	6	7	8	10	9	8	9	15	8	6	11	3	4	15	8
8	0	6	9	0	9	10	0	10	7	10	5	11	11	0	0
10	15	4	7	9	5	5	5	5	9	4	6	12	0	9	11
4	3	12	3	2	6	11	1	5	5	13	7	13	2	5	10
14	7	3	1	8	3	12	13	2	4	12	10	12	5	2	4
12	4	5	6	6	6	14	2	0	15	14	15	6	15	14	3

Seed: 3

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

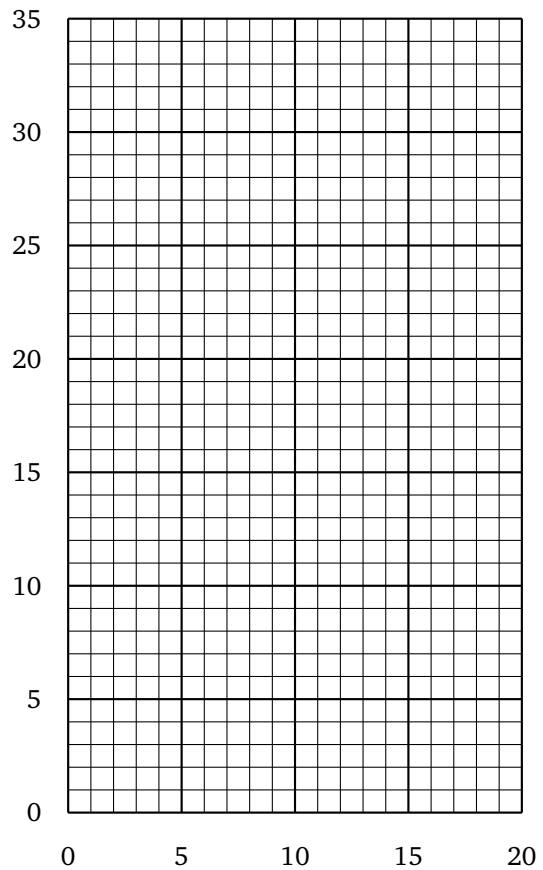
Worksheet on Histograms

Name:

3	1	6	2	1	6	14	12	12	3	8	4	2	1	3	14
13	12	12	3	4	10	11	13	14	1	9	10	8	2	7	1
14	13	8	4	14	9	14	13	8	6	9	6	2	4	13	0
0	10	4	8	7	5	15	3	6	3	10	4	5	11	5	8
14	1	0	3	12	9	3	5	2	7	0	11	14	15	11	15
0	4	15	12	6	15	9	13	4	3	7	2	6	15	5	0
0	2	12	5	4	1	15	6	3	0	0	2	10	2	0	7
3	15	1	8	12	6	15	7	3	6	0	6	3	14	13	7
0	4	3	3	3	13	2	0	14	9	15	6	14	10	12	11
7	1	3	13	14	14	5	10	12	10	13	8	10	10	4	14
15	1	15	15	10	0	14	2	15	10	0	2	10	9	11	14
3	0	14	0	14	1	12	12	14	8	14	3	10	5	14	12

Seed: 4

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

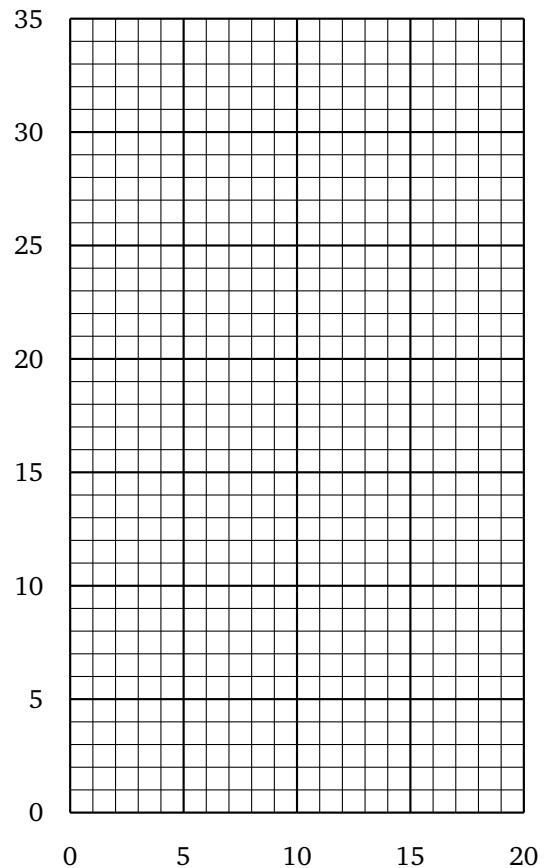
Worksheet on Histograms

Name: _____

9	11	12	15	11	14	0	7	15	10	14	1	7	3	8	9
0	3	4	14	12	2	12	2	9	2	0	13	3	3	15	13
4	15	8	10	3	15	11	15	14	4	5	2	2	1	4	9
0	10	5	4	13	7	5	7	11	0	15	0	11	13	0	12
5	9	0	0	2	15	3	12	14	15	5	5	8	12	1	11
12	13	0	15	1	5	9	14	5	14	8	4	5	2	1	2
11	15	2	0	15	8	6	3	9	13	7	6	0	14	0	7
13	2	11	15	10	12	1	6	2	13	4	7	15	13	15	7
7	11	7	4	6	2	6	15	15	10	7	5	1	4	12	13
5	12	12	11	10	12	5	11	4	7	12	11	4	15	10	9
0	8	4	10	7	13	10	12	5	10	11	13	5	13	13	11
15	15	8	8	2	13	14	7	11	11	11	2	12	9	10	6

Seed: 5

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

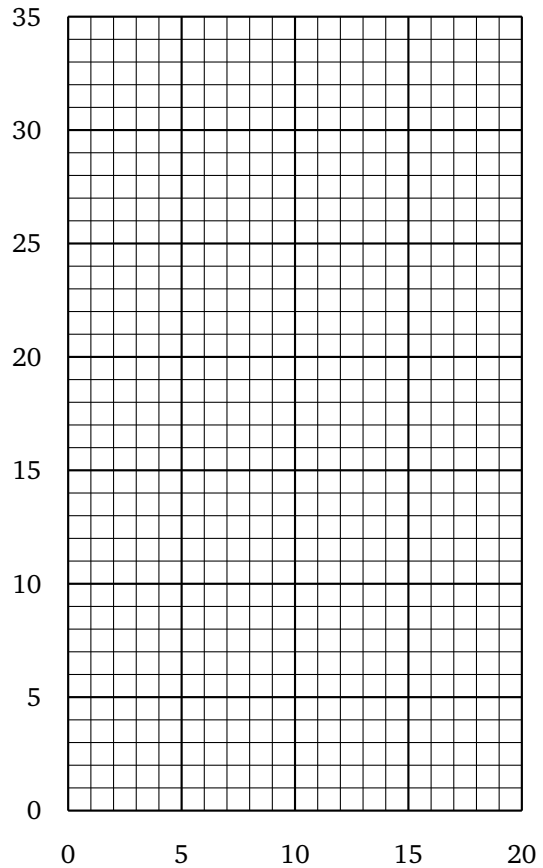
Worksheet on Histograms

Name:

12	13	7	4	0	10	7	12	5	12	4	12	11	6	8	10
3	8	12	4	12	10	13	5	1	12	12	7	1	3	10	4
15	9	3	10	5	14	14	8	10	11	12	15	0	5	9	4
9	1	14	8	1	10	4	3	7	2	3	13	11	0	12	0
5	14	9	4	6	6	2	15	0	6	11	6	15	3	15	14
10	14	7	13	12	8	7	11	6	1	11	4	7	12	2	0
1	9	5	4	7	14	4	6	14	9	4	7	7	2	6	4
12	5	10	15	14	6	9	5	6	7	12	14	4	0	7	0
0	12	1	11	5	15	13	0	3	15	9	6	12	13	7	7
1	5	2	10	9	2	10	1	1	10	7	14	10	11	2	13
1	9	14	14	14	7	11	12	2	15	14	7	12	7	4	11
1	12	15	4	15	1	13	4	15	6	14	0	1	13	10	8

Seed: 6

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

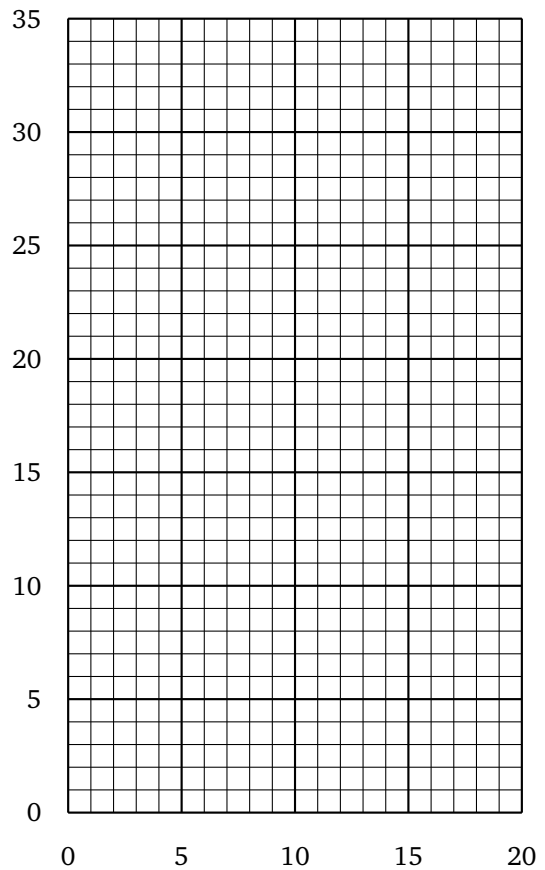
Worksheet on Histograms

Name:

5	2	10	1	8	5	0	8	0	6	1	1	6	13	1	3
10	15	9	6	15	0	13	4	2	1	4	13	2	9	10	5
8	1	0	3	10	6	5	9	7	4	12	11	3	9	8	14
11	4	15	1	6	12	2	7	0	10	12	9	14	5	11	9
9	7	13	15	7	10	0	11	10	15	13	4	6	10	0	7
2	1	0	12	2	3	6	13	1	7	8	14	13	13	4	6
5	14	15	2	2	3	3	7	9	4	0	6	5	9	15	11
8	9	10	0	14	12	13	12	6	6	1	10	0	1	3	2
5	0	0	2	1	5	0	13	9	2	4	5	5	1	13	15
7	7	1	1	5	4	13	2	0	15	8	2	8	0	8	15
13	11	4	5	2	12	8	12	5	3	12	15	13	12	13	11
3	8	5	0	0	4	4	11	15	7	14	15	15	5	3	3

Seed: 7

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

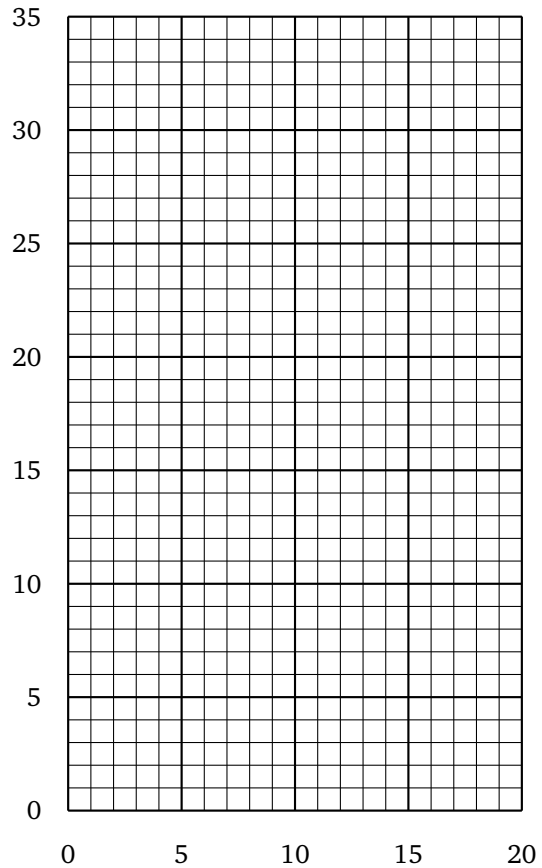
Worksheet on Histograms

Name:

5	7	6	7	6	10	4	10	0	4	5	2	11	4	12	15
4	14	12	10	0	7	10	4	3	4	4	12	5	6	10	15
4	0	15	13	12	8	3	2	4	7	1	11	11	0	13	7
14	7	12	7	9	7	0	2	3	6	5	8	10	6	5	8
15	12	10	13	3	1	1	1	0	10	14	1	10	15	12	2
10	4	2	0	8	14	1	2	6	0	7	11	7	0	0	3
10	14	8	1	3	6	1	1	6	13	3	14	14	6	3	2
10	13	13	3	6	0	4	4	1	1	15	4	7	8	7	9
8	7	1	10	10	11	5	7	12	11	0	5	2	11	6	6
3	7	11	10	3	6	9	0	14	0	10	2	15	11	3	8
13	13	10	10	11	14	8	9	12	8	3	9	5	11	11	14
1	0	14	11	15	13	15	2	2	9	12	1	15	3	3	6

Seed: 16

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

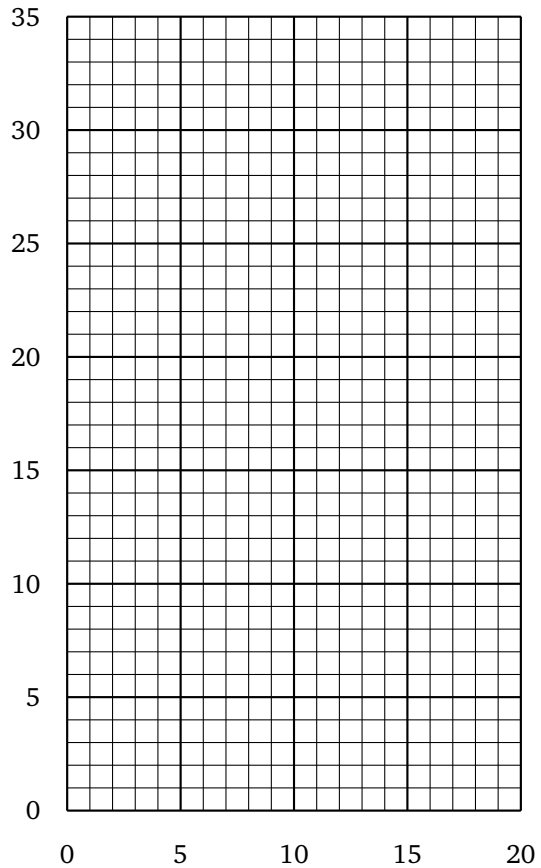
Worksheet on Histograms

Name:

8	12	15	4	12	11	10	1	0	6	11	4	8	5	13	15
6	15	0	13	14	2	11	8	15	3	8	14	10	4	1	15
7	15	2	12	13	14	0	5	0	12	5	15	5	12	13	3
8	15	8	5	4	12	3	9	8	8	2	10	14	5	5	14
9	4	0	12	5	7	4	10	11	4	1	15	14	0	9	10
6	11	15	9	6	3	4	2	1	3	13	8	12	14	12	0
14	1	12	13	10	6	1	1	10	3	8	4	2	4	11	7
6	7	8	8	7	15	12	3	5	3	5	0	11	9	6	14
5	9	14	8	9	5	15	12	4	5	9	8	8	3	9	11
12	7	7	8	8	7	0	4	15	13	7	12	3	4	8	11
0	7	14	9	15	1	14	13	0	8	12	3	10	13	12	6
0	8	3	8	4	5	8	13	15	6	0	12	5	12	13	0

Seed: 17

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

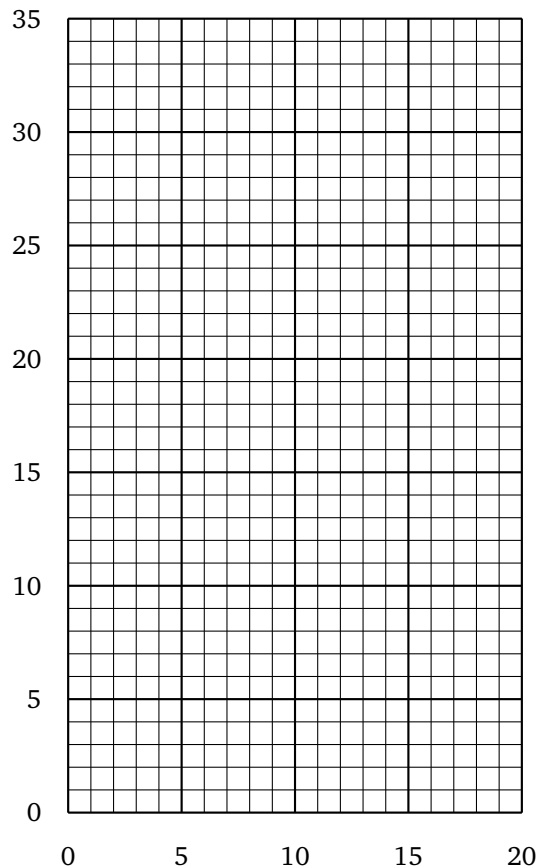
Worksheet on Histograms

Name:

2	10	5	3	7	7	7	7	4	4	11	5	10	12	13	15
3	3	11	9	3	10	13	13	3	4	0	15	3	11	8	9
8	13	9	4	1	7	14	2	10	10	2	3	10	6	6	7
1	11	9	8	5	12	13	8	1	2	2	1	10	8	3	14
10	12	13	10	8	15	2	11	14	7	13	2	6	4	6	11
2	5	13	4	2	15	8	0	9	2	2	11	10	6	8	8
7	1	12	12	6	6	9	7	6	14	14	2	2	12	15	11
4	0	13	14	12	11	15	8	14	4	1	13	11	12	2	4
9	1	5	9	14	11	6	6	8	11	15	0	14	12	0	4
4	3	2	2	10	7	1	13	13	4	13	12	8	1	11	13
14	15	2	15	1	5	8	10	8	14	12	13	10	7	0	10
14	3	15	0	6	12	11	9	4	3	2	10	0	2	11	7

Seed: 18

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

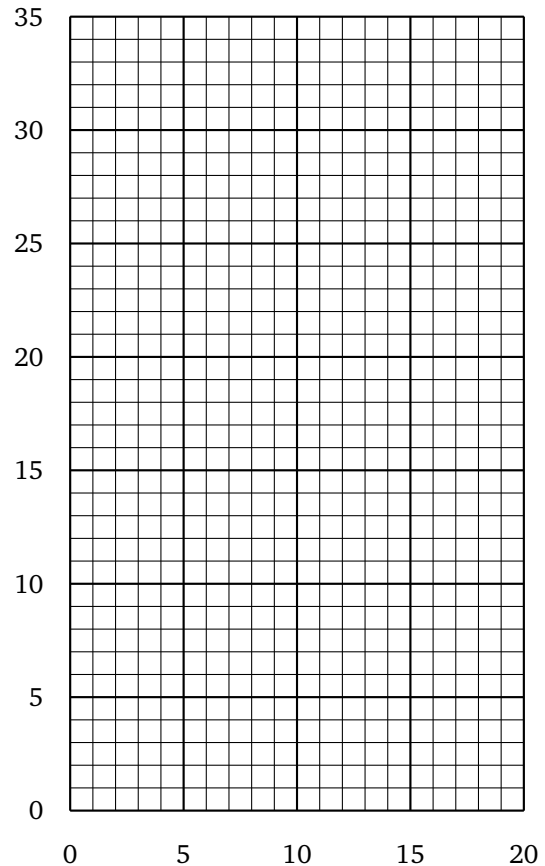
Worksheet on Histograms

Name: _____

10	12	8	8	6	15	4	2	4	4	5	4	1	5	4	9
3	1	3	8	6	11	12	6	1	11	12	6	10	4	14	13
12	15	3	8	11	12	6	2	10	1	11	0	7	7	1	7
8	5	14	13	14	3	0	6	1	11	4	2	4	6	11	7
4	10	0	3	10	12	1	1	8	10	0	6	4	1	2	4
7	1	9	14	10	1	10	10	0	6	10	15	14	9	9	15
3	8	0	12	10	3	3	8	12	2	5	8	4	14	11	15
10	10	4	8	6	7	0	13	2	7	14	8	13	4	7	6
5	5	7	13	15	1	10	8	6	0	5	5	5	9	5	4
4	15	6	15	2	10	8	11	8	13	9	0	10	9	3	11
13	4	2	4	9	7	1	7	8	9	5	12	10	4	5	14
3	7	4	9	12	1	3	1	2	8	7	15	7	8	0	3

Seed: 19

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

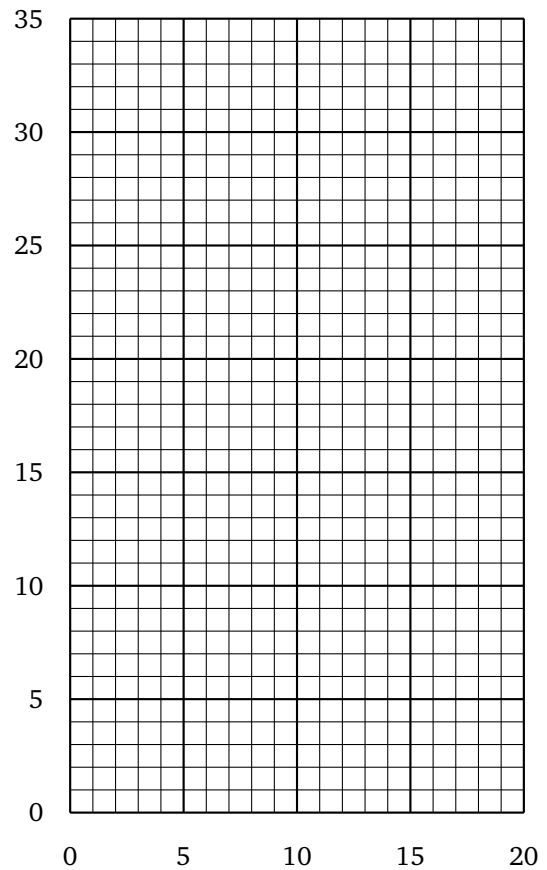
Worksheet on Histograms

Name:

14	10	12	14	4	10	14	13	9	2	6	15	1	5	15	7
3	5	14	5	6	10	12	7	1	9	0	1	3	11	4	11
2	1	0	11	13	3	3	0	10	4	2	10	9	7	2	10
8	6	2	14	13	11	15	9	5	1	9	8	6	15	13	1
14	0	10	5	11	15	8	12	0	10	1	7	5	1	11	1
4	1	10	4	0	0	3	8	0	0	10	8	2	4	2	4
6	3	3	3	4	8	14	10	7	0	3	10	6	13	14	4
5	4	10	1	4	14	5	15	6	13	7	1	9	3	14	11
8	14	8	15	11	2	4	13	1	15	0	11	9	6	9	9
5	4	0	10	14	6	13	6	4	12	14	1	13	5	12	4
15	5	3	0	2	1	13	0	1	3	2	12	0	10	5	2
3	8	3	6	6	8	11	4	9	11	4	12	1	7	5	2

Seed: 20

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

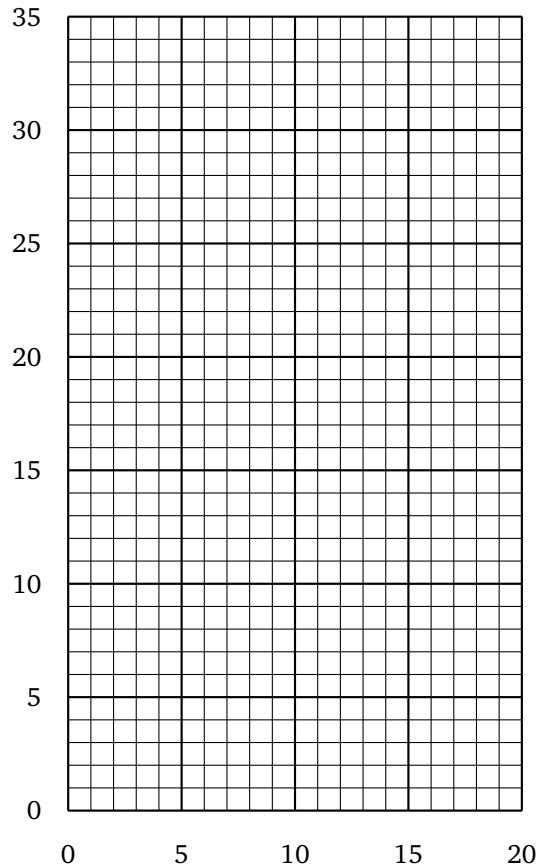
Worksheet on Histograms

Name:

2	11	10	7	3	12	12	8	8	3	0	5	9	1	12	3
3	0	15	11	14	9	0	5	7	1	15	5	2	13	1	14
7	8	5	7	2	0	13	3	12	3	15	14	12	12	9	11
1	7	13	3	14	14	6	5	7	6	15	6	0	1	11	15
7	7	8	11	3	9	8	9	2	2	5	14	5	9	4	1
1	13	12	5	10	10	14	15	6	15	15	9	14	7	6	3
14	2	1	12	12	7	13	0	4	4	6	2	1	5	14	15
11	7	4	15	8	11	0	3	13	12	14	9	6	9	13	4
8	4	12	0	10	15	0	9	10	13	9	4	6	15	14	2
1	1	0	7	2	13	10	2	8	5	7	3	2	2	6	11
8	0	11	13	12	12	0	7	1	12	2	11	4	11	5	0
6	4	14	4	8	8	15	1	9	8	11	15	4	11	8	8

Seed: 21

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

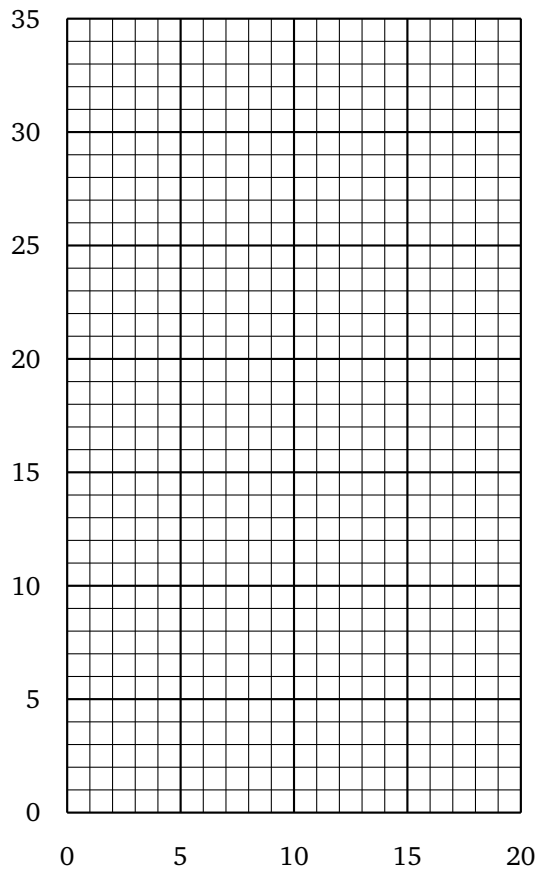
Worksheet on Histograms

Name:

15	2	0	15	2	1	10	5	14	3	15	5	9	14	10	14
11	0	14	9	4	3	13	9	15	12	15	9	11	9	4	15
4	12	15	10	2	13	10	2	0	8	0	14	8	8	6	10
14	4	5	9	4	9	8	6	10	8	1	15	5	6	6	14
15	8	6	1	14	2	8	5	5	5	3	0	8	12	10	3
11	0	6	13	14	7	13	7	8	9	15	11	7	11	10	5
12	13	9	15	0	8	10	5	2	11	6	4	0	15	5	1
3	4	13	2	4	1	7	3	5	11	14	13	0	6	13	0
3	7	6	12	11	7	3	3	4	1	10	2	14	10	0	7
9	0	7	0	12	0	10	15	13	3	8	2	5	13	13	0
6	10	2	12	14	8	5	13	8	3	4	2	13	8	11	13
15	3	6	13	12	6	10	3	2	0	6	3	8	15	2	8

Seed: 22

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

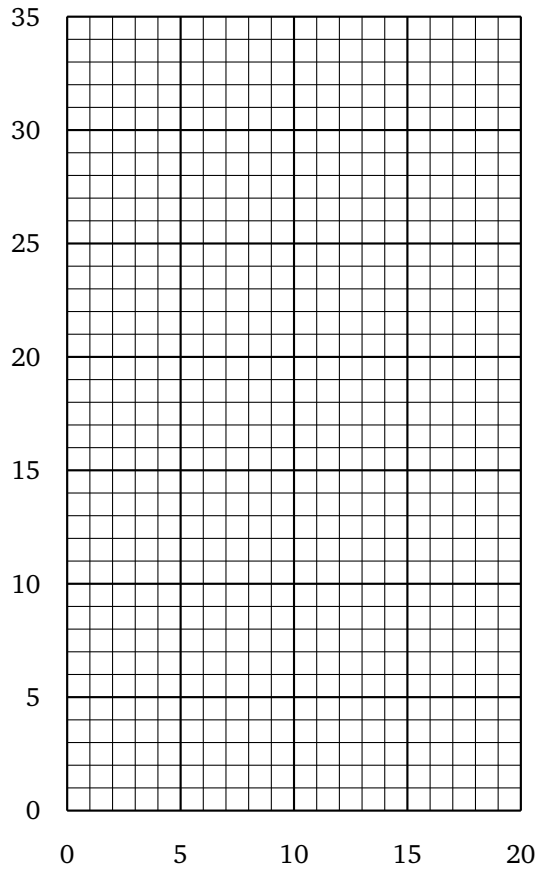
Worksheet on Histograms

Name: _____

14	15	14	1	9	6	8	2	3	7	3	7	0	1	11	6
8	11	5	0	12	9	10	9	15	5	12	5	9	10	5	1
7	11	9	7	10	2	2	5	13	3	1	1	0	4	9	13
5	5	4	4	12	8	4	1	12	11	13	3	8	14	9	15
2	15	0	6	0	12	10	15	12	15	8	15	11	5	15	6
3	1	7	3	14	15	3	1	8	2	8	13	4	6	14	7
5	14	13	14	11	6	11	13	10	3	4	6	12	8	8	13
1	10	5	8	13	3	15	1	8	8	3	8	7	7	11	0
6	12	2	13	3	10	2	7	6	1	11	7	11	8	8	8
4	14	1	14	13	7	12	10	9	4	5	5	4	15	5	6
6	13	7	8	4	4	1	3	4	13	8	1	7	1	9	7
13	4	13	3	15	10	0	12	4	5	2	13	1	11	6	10

Seed: 23

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

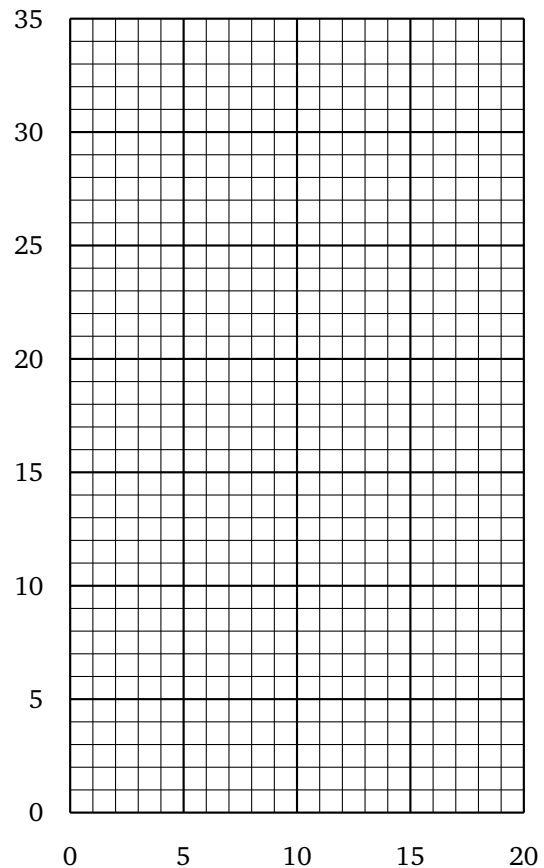
Worksheet on Histograms

Name:

11	13	2	15	3	10	1	12	2	11	11	12	7	13	15	1
8	15	11	7	4	15	1	12	13	2	5	4	8	5	14	14
5	14	1	1	10	12	13	15	13	4	11	14	1	7	2	2
7	10	15	2	8	15	12	8	3	10	4	10	10	6	12	6
7	13	4	2	9	6	13	3	5	0	7	5	7	12	0	15
11	12	8	9	6	6	3	4	4	5	14	12	10	0	4	8
11	6	10	14	4	6	12	5	11	6	0	7	1	12	13	8
14	3	7	2	0	13	0	14	8	11	0	14	12	1	2	2
8	1	12	7	11	4	10	7	10	6	15	13	13	5	3	2
2	15	4	13	3	9	3	4	11	9	15	3	4	1	3	15
9	7	5	12	11	2	0	2	13	11	3	3	4	10	11	3
5	3	15	8	15	3	10	9	14	5	3	13	15	8	5	1

Seed: 24

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

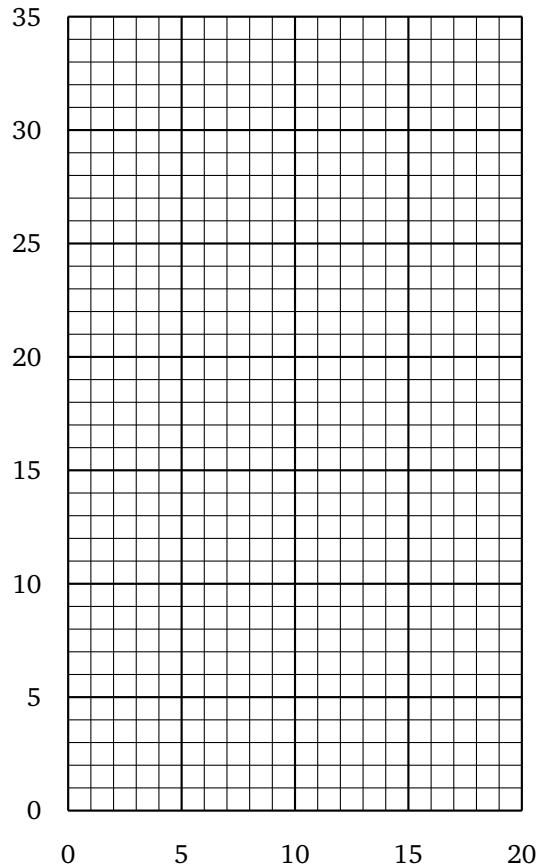
Worksheet on Histograms

Name:

6	14	13	3	13	10	0	15	4	4	6	9	1	10	13	8
12	9	13	2	5	7	1	15	10	1	9	6	3	2	7	1
9	8	2	14	0	2	13	3	6	8	6	7	8	7	0	13
4	0	6	13	10	7	7	3	9	5	1	2	1	10	14	12
3	2	15	5	2	9	9	8	7	4	7	7	10	7	5	15
1	12	6	12	11	9	9	3	0	11	4	1	12	9	0	8
2	13	4	15	9	1	6	15	11	2	5	4	1	9	11	3
8	13	14	2	1	14	5	2	12	4	11	11	4	7	4	12
4	4	13	4	6	8	0	4	11	15	5	7	0	7	5	8
4	5	14	12	5	1	0	1	2	9	8	2	14	10	11	14
5	14	15	14	0	13	15	1	13	13	0	11	12	11	0	15
1	1	15	7	2	6	9	4	14	10	6	5	1	15	4	14

Seed: 25

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

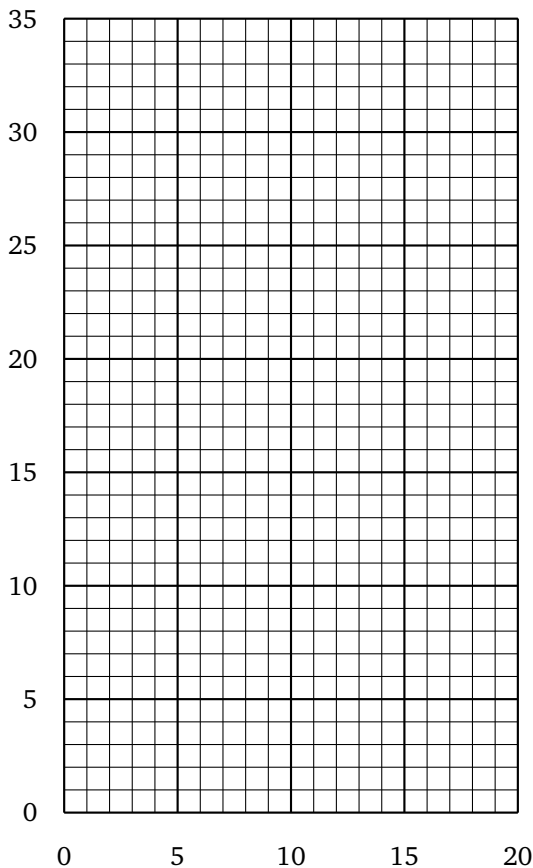
Worksheet on Histograms

Name:

11	3	3	9	0	12	12	0	10	8	10	15	15	6	13	12
15	0	15	3	2	9	13	15	5	13	0	15	4	8	1	0
0	9	8	13	13	6	13	3	14	4	15	6	6	8	0	1
8	11	0	6	5	12	15	1	8	1	12	15	11	9	0	1
3	1	2	15	5	14	12	12	14	11	5	7	6	0	0	9
8	15	9	13	7	9	13	0	0	6	4	6	1	2	1	9
0	0	10	6	0	15	7	14	10	8	6	1	15	7	4	2
9	15	6	12	11	8	10	11	14	0	2	3	1	4	6	3
7	0	14	11	1	3	12	2	11	0	9	10	8	12	15	15
0	7	1	11	3	2	0	0	4	3	8	13	11	5	4	12
4	10	15	9	7	0	4	15	0	0	9	4	9	3	3	4
11	11	0	11	12	7	1	0	15	1	0	0	14	15	12	15

Seed: 26

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

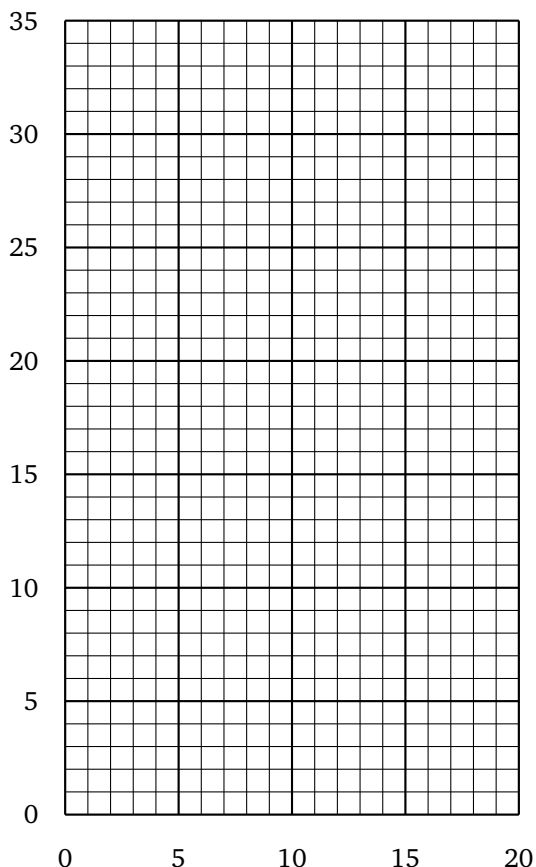
Worksheet on Histograms

Name:

10	11	15	3	1	13	5	5	13	2	14	7	1	14	9	1
13	12	11	10	15	0	15	10	4	9	5	10	11	8	1	6
4	11	14	12	8	2	11	4	15	2	15	0	12	5	9	6
4	7	13	5	5	12	2	5	8	8	2	12	7	1	5	0
5	1	4	8	11	4	7	8	9	14	3	12	8	14	10	0
0	12	4	9	1	8	6	7	0	14	13	11	9	3	3	13
5	6	14	5	15	2	13	4	2	7	13	1	9	13	0	7
4	7	13	6	4	3	13	2	11	15	11	14	1	9	9	1
6	4	2	6	1	14	2	8	11	0	15	14	9	8	13	9
3	14	3	8	8	12	5	10	3	11	2	5	8	11	14	15
7	1	9	9	11	0	12	2	13	15	8	7	10	2	10	13
14	11	11	15	6	5	15	1	5	11	15	12	3	12	3	8

Seed: 27

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

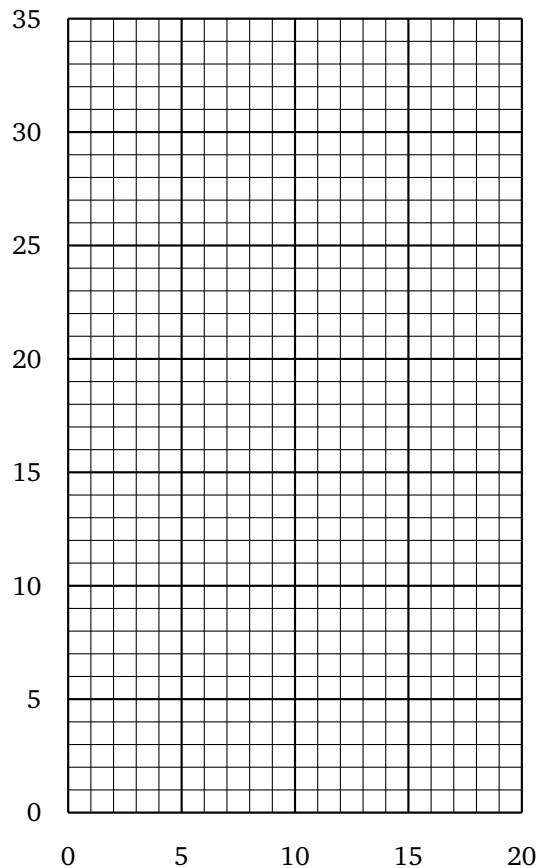
Worksheet on Histograms

Name:

1	2	9	2	2	7	6	3	6	13	2	3	0	3	1	15
5	15	2	14	8	11	10	4	3	10	2	0	12	10	4	8
14	4	1	6	2	5	0	12	12	5	6	4	15	14	10	2
2	12	3	11	6	0	3	14	5	10	12	6	7	13	11	8
8	7	6	10	3	13	4	3	15	0	6	8	7	13	10	8
0	15	5	5	3	3	1	2	10	4	8	10	1	12	3	12
14	7	5	8	14	15	11	6	6	11	5	12	5	9	8	8
13	14	12	10	6	6	7	13	11	1	3	0	4	13	10	0
12	9	7	0	0	1	14	6	0	13	7	5	6	3	0	12
14	5	9	13	0	15	1	5	1	3	2	4	7	10	7	11
15	3	5	9	3	0	13	8	5	10	4	5	2	6	5	8
13	12	10	9	13	2	15	2	14	7	11	15	0	5	1	4

Seed: 28

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

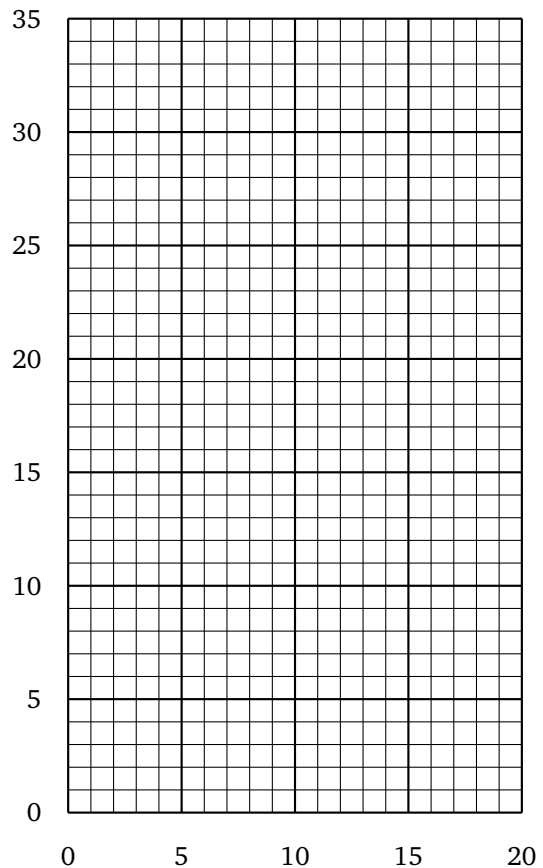
Worksheet on Histograms

Name:

8	5	13	4	8	5	6	15	1	7	3	5	15	5	9	6
11	7	2	6	6	12	9	3	10	4	8	3	6	12	8	12
12	9	10	6	9	12	1	15	5	2	2	5	1	6	6	10
7	14	10	5	13	11	15	11	15	3	4	15	0	14	14	2
2	14	15	13	11	12	4	0	10	14	15	8	0	2	7	3
0	3	7	2	1	2	0	12	13	3	10	14	3	5	14	12
9	12	9	5	10	12	0	5	4	14	4	10	6	6	7	14
10	6	2	5	7	10	15	5	15	14	7	3	3	14	2	10
10	2	0	10	0	8	15	7	4	1	4	5	1	11	9	11
1	4	14	0	5	13	3	3	10	4	5	6	4	10	11	12
15	1	4	15	12	12	3	2	4	14	12	5	10	11	4	1
12	11	12	11	5	10	5	14	1	11	5	14	12	2	0	3

Seed: 29

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

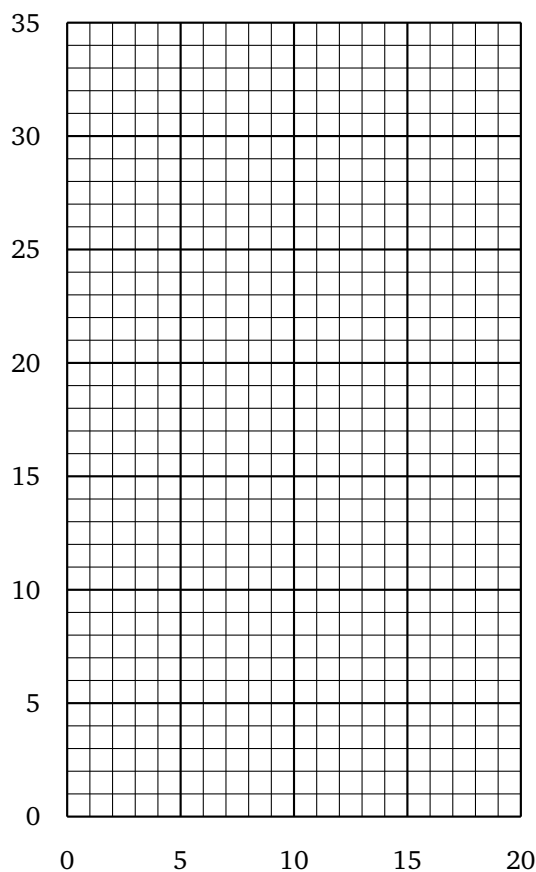
Worksheet on Histograms

Name:

8	4	0	10	3	4	6	10	15	7	15	15	3	1	2	13
9	14	15	10	8	1	0	12	10	12	9	10	10	14	1	7
4	13	14	4	1	3	5	12	6	11	4	8	2	10	8	13
15	8	1	14	15	7	7	14	4	4	11	10	10	13	8	6
3	3	5	6	11	9	8	6	10	6	12	10	11	5	8	11
15	8	5	11	1	5	0	8	4	6	12	10	0	7	0	13
7	13	4	13	2	13	6	1	14	13	3	9	7	2	6	15
6	12	12	12	9	14	5	7	7	1	7	12	9	2	3	7
1	3	11	1	1	2	8	0	10	9	12	12	11	8	4	9
2	3	11	9	2	7	9	3	10	2	2	6	4	11	6	4
13	13	12	1	4	1	11	7	1	14	1	0	14	7	13	9
2	7	12	0	12	5	8	5	12	7	7	1	11	2	9	0

Seed: 30

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

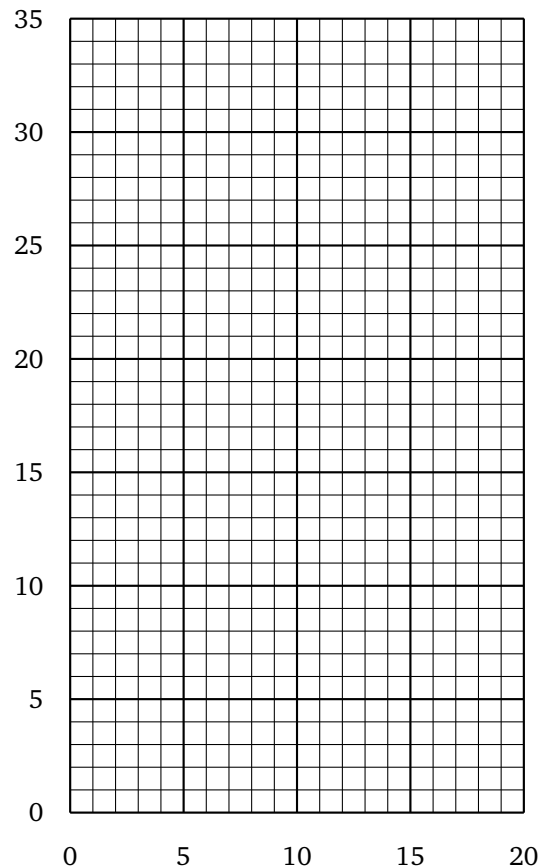
Worksheet on Histograms

Name:

0	1	6	10	2	1	3	12	2	11	10	2	8	7	6	15
1	0	15	6	3	5	5	15	3	3	9	8	15	13	5	3
13	15	0	11	13	10	3	12	11	3	10	3	0	5	5	6
10	13	15	15	15	12	4	2	9	8	10	1	3	14	9	11
1	6	14	10	15	3	7	12	7	12	8	1	1	15	1	3
5	11	13	7	7	12	4	5	9	10	0	1	2	11	11	15
12	4	12	15	5	0	6	4	2	0	1	13	0	9	3	3
13	4	2	7	11	8	13	6	8	11	7	11	7	2	1	12
11	15	11	9	2	13	1	6	2	6	4	6	11	8	3	12
11	13	0	9	14	4	3	13	5	6	13	6	3	3	5	11
5	12	1	3	9	7	7	14	4	2	0	7	4	7	0	0
6	12	4	14	9	6	12	3	9	13	8	5	1	9	3	5

Seed: 31

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

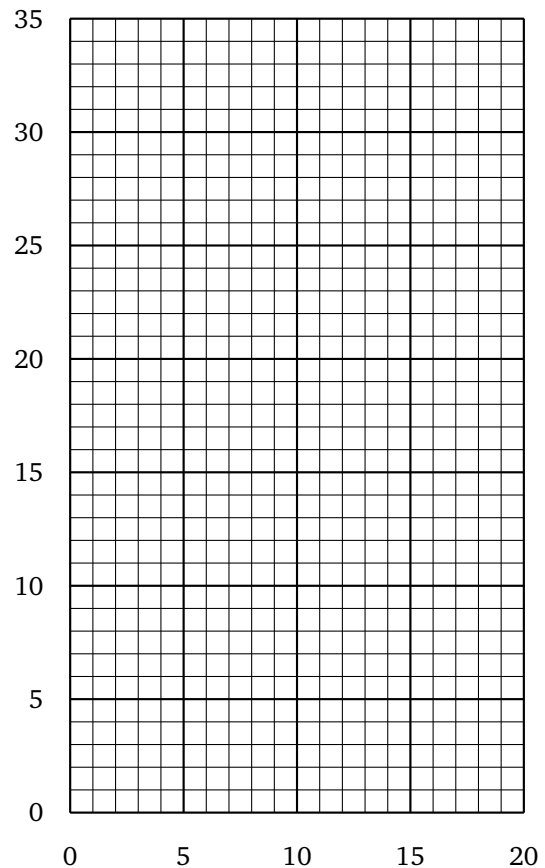
Worksheet on Histograms

Name:

1	3	4	14	7	11	1	8	13	8	15	14	5	0	12	2
0	11	13	13	15	3	1	1	15	1	2	0	0	0	5	2
4	14	2	13	11	9	9	12	9	3	5	3	6	15	6	1
7	13	7	11	1	0	10	0	4	6	3	0	0	15	11	15
7	15	13	9	8	8	3	6	11	3	13	8	9	13	10	2
3	0	0	15	9	15	12	5	15	14	7	1	5	2	5	1
11	15	3	12	9	7	14	6	13	0	15	2	0	14	11	10
12	6	1	5	15	15	3	7	7	14	0	13	4	8	2	1
14	8	15	13	12	1	9	15	8	1	2	15	15	3	5	11
8	2	15	9	5	0	8	12	2	1	11	14	6	7	10	8
2	4	3	3	1	6	3	13	5	15	12	4	2	9	7	8
1	8	12	7	4	14	4	15	11	0	7	2	12	6	1	15

Seed: 32

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

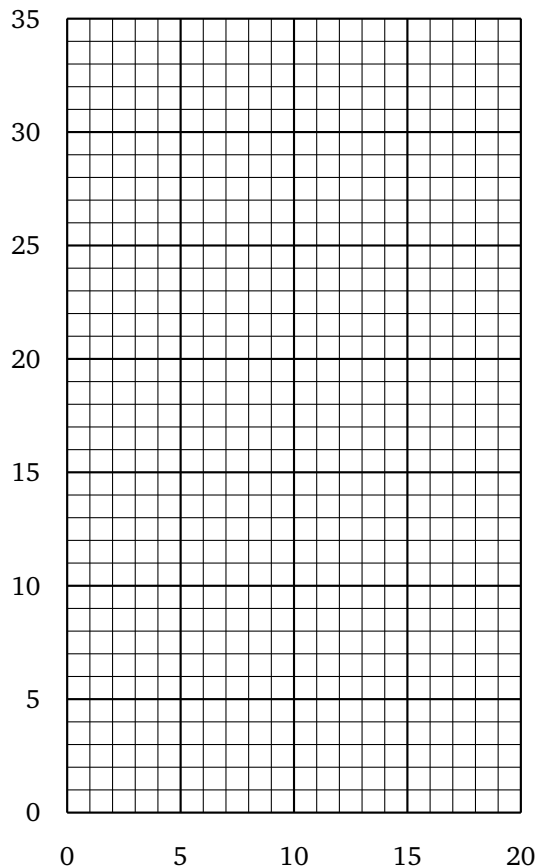
Worksheet on Histograms

Name:

9	10	13	4	10	14	14	2	10	9	8	15	8	7	15	10
4	4	7	0	9	11	6	13	14	8	10	1	0	15	4	3
14	11	1	5	3	4	0	8	4	6	2	1	0	13	11	8
1	2	1	5	0	4	3	3	10	7	7	5	8	12	4	1
7	6	12	1	13	0	8	7	5	14	11	2	7	9	0	1
9	11	7	6	8	4	14	15	7	0	6	12	5	1	2	11
9	4	9	12	15	13	6	12	14	13	12	9	8	13	10	11
3	1	4	9	9	3	3	15	1	14	12	9	15	10	0	15
6	14	13	2	0	0	12	12	3	1	5	12	11	13	15	12
13	0	0	13	9	5	2	5	5	7	7	3	1	3	2	1
6	2	12	8	7	10	3	0	1	5	5	4	4	13	0	7
6	4	11	3	0	2	15	5	1	15	10	15	5	12	0	3

Seed: 33

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

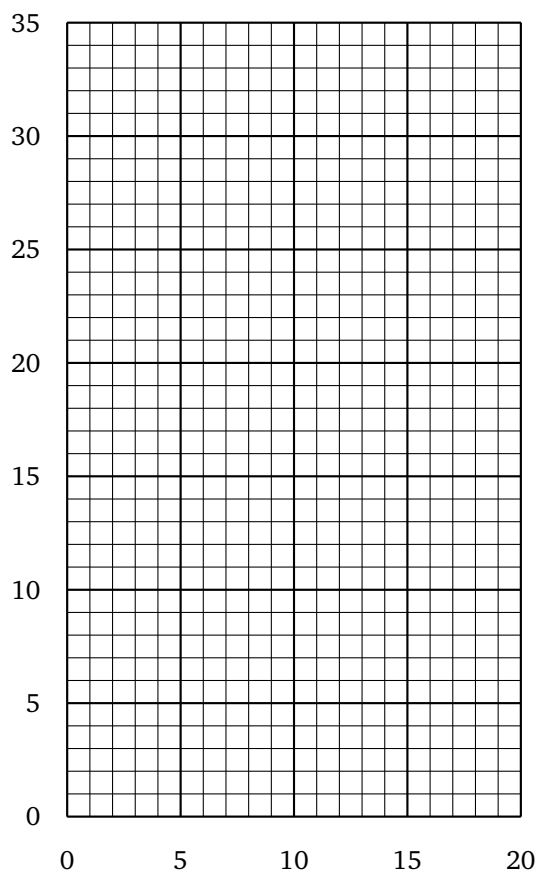
Worksheet on Histograms

Name:

8	9	13	14	14	5	15	6	4	1	8	2	4	9	12	12
1	0	4	8	13	12	14	9	10	4	5	3	8	9	9	6
6	3	13	9	11	12	4	1	4	14	12	6	12	5	13	1
11	15	6	7	2	4	3	4	1	4	1	8	6	3	15	4
8	14	12	15	9	13	1	11	5	5	12	11	5	5	4	14
9	4	8	0	4	8	15	13	8	12	4	11	15	2	14	15
5	13	15	2	7	9	12	4	12	11	13	11	13	9	8	7
6	7	7	6	2	6	15	4	15	13	7	3	14	15	4	10
12	9	1	3	11	10	10	4	14	12	7	13	4	8	8	15
14	5	12	4	14	14	10	0	4	2	8	0	1	1	13	9
13	15	9	13	6	9	2	7	1	7	15	15	11	0	15	8
10	6	12	5	1	7	2	3	3	11	10	3	10	0	15	3

Seed: 34

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

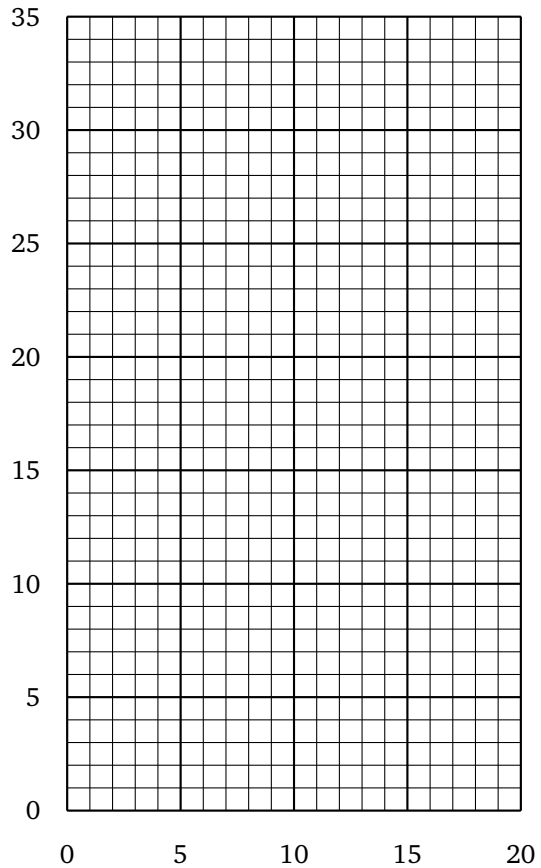
Worksheet on Histograms

Name:

8	12	11	13	4	15	9	11	12	14	4	5	11	9	12	5
15	0	11	5	0	10	0	3	5	2	2	1	13	1	2	1
14	8	13	15	7	6	6	4	9	15	8	12	14	13	10	8
1	6	13	7	10	4	9	3	12	13	0	10	1	15	2	2
14	9	0	7	13	2	12	4	7	6	0	6	8	9	8	2
9	4	14	1	12	1	9	5	7	10	12	0	14	10	1	11
12	5	14	2	7	3	13	4	3	15	6	7	11	2	12	11
7	12	14	1	15	8	12	10	15	12	3	2	6	4	3	8
8	6	12	2	7	7	9	13	9	0	9	5	6	9	3	12
5	5	8	0	5	15	1	6	12	7	9	13	13	6	5	0
11	2	7	1	11	7	1	9	1	5	4	12	9	3	5	7
13	5	12	1	1	12	5	0	3	6	1	6	15	1	5	5

Seed: 35

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

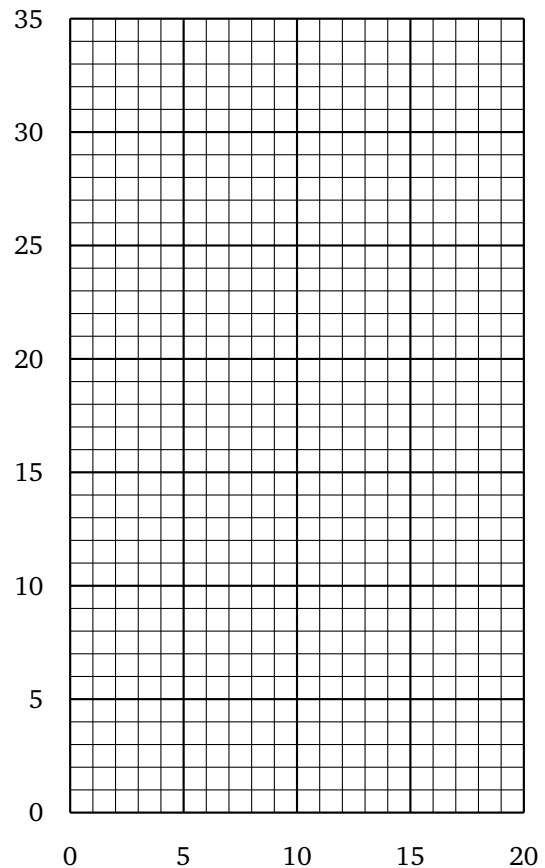
Worksheet on Histograms

Name:

5	15	15	14	12	14	0	10	3	11	6	8	8	9	13	15
5	12	14	6	1	7	12	8	2	11	5	14	2	9	6	15
2	14	6	5	3	7	14	15	15	9	3	8	10	4	15	1
3	3	2	1	3	5	15	8	9	5	2	9	11	1	10	3
11	5	2	2	12	8	1	14	4	4	0	4	8	14	4	7
1	10	4	6	4	13	15	2	7	1	12	14	2	10	4	7
9	6	10	5	7	5	6	2	5	1	9	6	6	14	2	8
9	10	12	5	14	10	1	9	8	14	11	10	10	11	7	7
8	0	8	6	6	9	10	6	9	3	15	10	11	11	0	2
6	7	6	8	10	11	11	6	13	12	15	0	9	2	13	15
10	5	13	8	11	3	1	13	13	6	1	4	14	3	11	5
15	5	15	8	0	6	6	2	1	8	11	11	5	2	7	11

Seed: 36

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

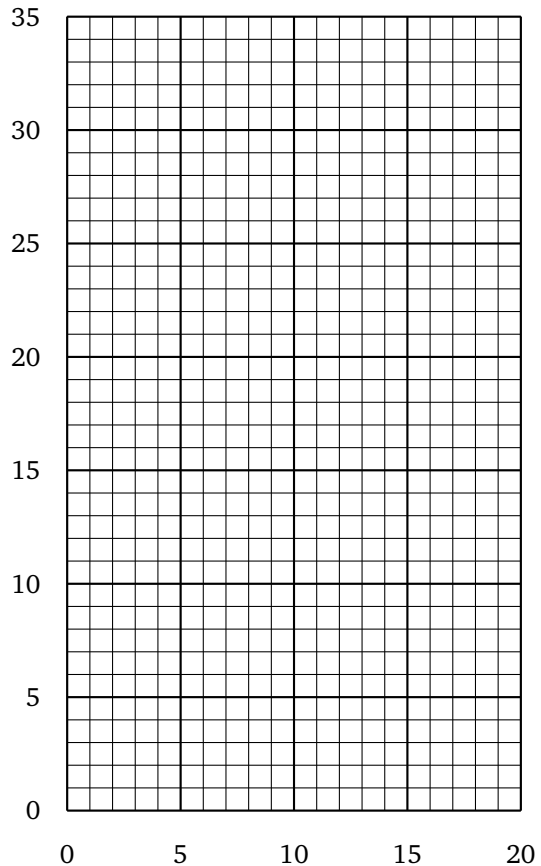
Worksheet on Histograms

Name:

10	1	9	13	13	8	10	5	8	1	10	9	4	6	11	7
15	15	13	1	1	4	5	11	13	9	10	9	0	8	3	6
0	10	14	1	9	0	5	2	13	11	14	3	11	11	8	14
9	4	11	7	3	9	0	7	8	0	10	1	10	5	0	15
1	2	8	3	8	7	9	8	4	3	11	6	8	14	0	4
9	0	12	6	5	3	15	0	13	11	14	11	5	8	14	0
13	10	3	15	4	0	4	8	0	9	7	5	12	9	15	13
13	14	13	7	1	7	9	15	10	9	1	10	0	2	0	11
15	9	1	11	2	11	10	15	2	3	5	1	15	9	1	7
1	15	5	0	11	5	10	12	1	8	15	3	3	10	0	13
12	15	13	9	7	8	10	15	2	7	7	3	2	12	9	11
4	7	2	2	2	10	13	9	12	1	8	2	8	3	4	14

Seed: 37

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

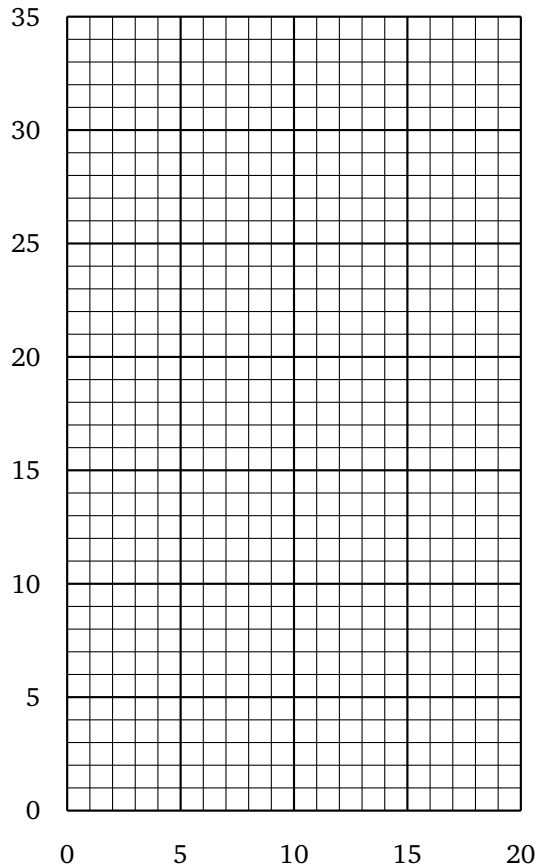
Worksheet on Histograms

Name: _____

10	6	11	1	11	5	9	2	5	4	5	11	7	15	9	3
9	8	2	8	0	5	8	10	15	9	0	7	4	11	14	1
12	4	2	7	6	4	4	6	11	2	5	3	11	3	11	0
13	6	14	12	13	0	11	8	14	9	5	14	15	3	2	7
10	2	9	8	12	2	2	8	12	9	11	4	0	11	10	0
1	11	10	3	4	6	0	4	3	0	8	15	1	11	9	4
10	12	4	6	10	7	2	6	11	9	5	4	2	10	12	3
9	1	2	9	5	6	0	8	7	3	10	3	5	1	13	8
14	5	12	10	0	14	8	5	5	4	12	6	6	7	10	9
3	9	15	5	13	13	7	15	4	3	6	1	1	5	7	9
14	9	8	0	0	8	4	15	13	2	0	13	15	11	1	14
10	14	10	10	14	6	2	2	5	12	13	6	3	1	4	13

Seed: 38

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

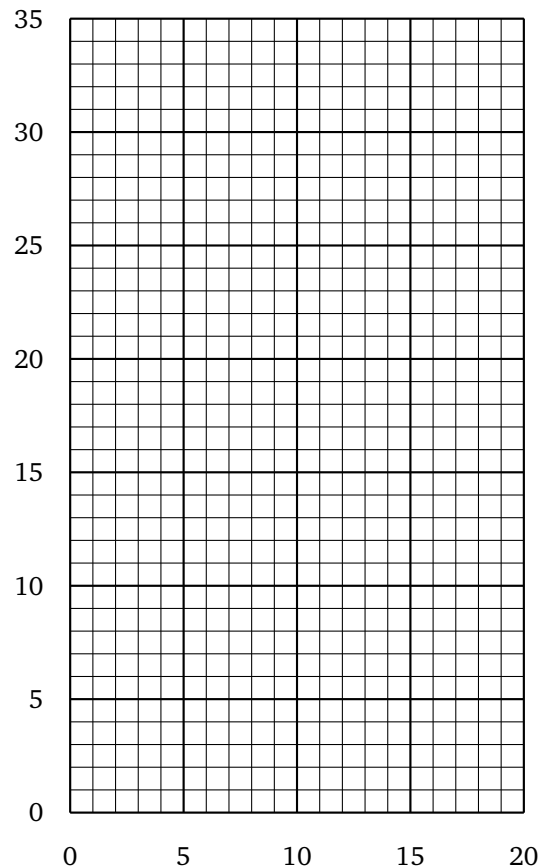
Worksheet on Histograms

Name: _____

3	6	3	6	9	10	4	5	2	13	4	14	1	0	6	6
12	13	8	4	11	7	4	5	0	11	0	3	9	9	9	10
12	15	15	6	5	2	6	2	14	12	3	11	11	1	12	11
7	15	1	0	11	10	0	9	9	6	2	13	14	8	3	8
10	8	12	3	14	11	2	1	12	5	14	14	4	11	3	8
3	12	2	14	5	4	0	3	1	3	15	10	1	1	7	14
7	5	10	2	2	8	13	7	4	8	12	3	2	7	5	2
3	13	3	5	15	5	15	13	7	7	0	6	8	15	1	13
15	14	8	10	5	0	6	11	1	7	0	2	13	0	10	4
4	15	7	9	14	10	2	5	13	4	1	4	4	7	2	13
15	3	8	3	10	4	0	0	0	4	11	7	5	2	13	14
2	5	7	5	1	11	9	0	0	10	6	5	13	0	15	14

Seed: 39

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

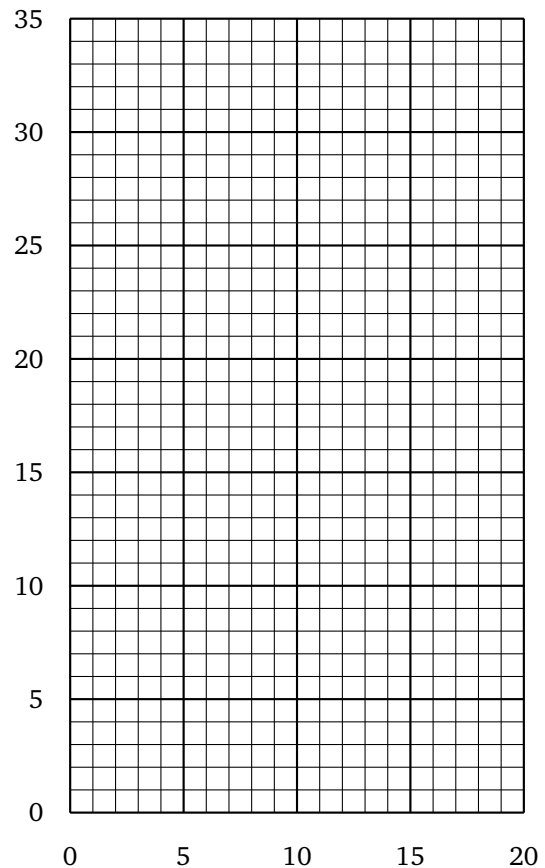
Worksheet on Histograms

Name:

7	14	0	4	15	10	2	5	14	7	0	14	2	10	9	7
15	2	9	1	15	2	8	13	14	1	14	13	5	12	3	2
2	4	13	7	15	14	3	6	1	9	9	9	1	9	1	13
7	1	15	15	5	14	4	8	9	12	1	0	2	6	12	11
1	11	3	0	7	14	14	7	12	3	2	15	10	2	5	12
0	2	12	3	6	6	7	4	3	12	12	15	0	2	13	4
12	4	6	10	6	8	0	13	9	4	7	10	14	0	14	9
0	5	11	1	9	8	9	0	0	15	2	2	9	0	11	12
5	9	7	10	2	0	1	14	15	4	11	3	9	6	8	14
13	14	13	7	3	13	10	2	6	0	12	15	0	10	14	14
11	1	8	5	9	5	3	9	1	2	9	11	1	1	6	1
15	4	0	7	8	6	9	1	2	9	0	7	3	12	8	9

Seed: 40

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

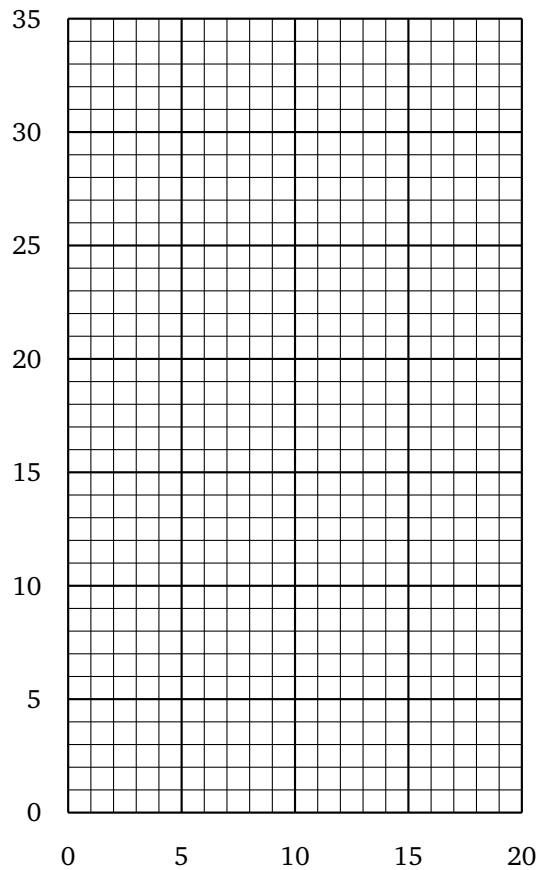
Worksheet on Histograms

Name:

6	3	2	14	9	11	8	6	11	9	12	10	13	7	2	2
11	2	10	9	0	12	0	13	13	3	11	11	2	10	1	14
11	15	0	5	9	9	2	14	13	4	2	10	6	10	7	6
0	2	7	11	6	11	8	14	10	5	2	1	0	13	13	12
1	10	2	14	10	11	9	6	13	15	3	6	11	10	6	7
15	4	3	10	4	14	5	14	6	14	12	11	3	2	0	2
10	1	3	9	2	5	3	10	1	15	9	11	8	7	15	14
13	0	9	15	10	8	10	2	11	12	1	8	9	5	10	14
14	4	2	13	9	13	13	4	9	4	12	11	3	8	9	3
2	7	1	7	15	13	0	13	11	11	0	12	3	12	5	5
2	13	3	13	8	2	10	8	0	13	4	0	12	11	6	2
8	9	11	7	9	11	3	2	7	12	12	13	7	11	1	6

Seed: 41

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

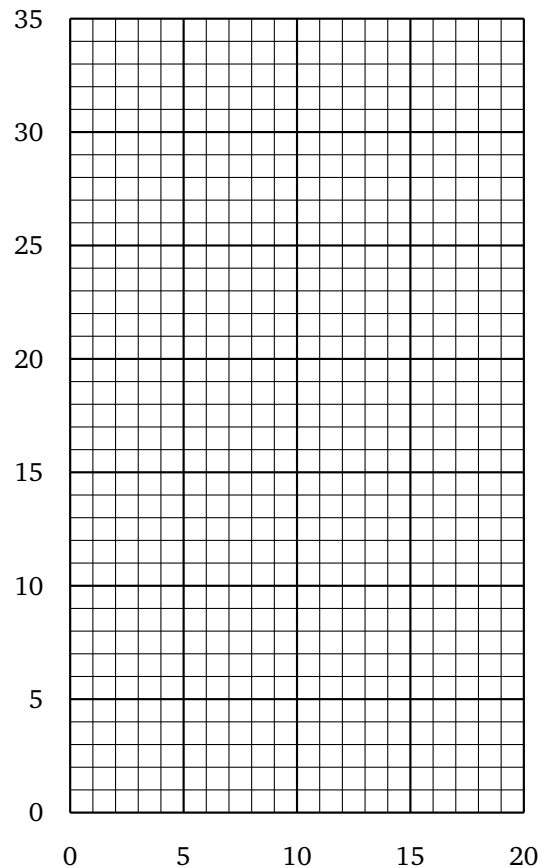
Worksheet on Histograms

Name:

10	0	4	3	11	10	14	1	6	0	3	8	0	3	10	8
3	9	12	0	12	11	5	2	15	5	1	1	13	9	12	11
8	15	6	8	13	9	13	9	11	0	3	4	1	3	1	4
10	5	5	3	4	14	10	9	2	11	2	6	15	10	8	10
13	12	3	0	5	4	3	15	14	5	10	6	14	7	4	3
8	4	9	14	6	3	15	8	1	0	1	10	12	6	1	6
15	8	15	13	0	11	10	8	4	10	1	6	7	15	14	4
8	2	14	13	4	10	9	2	12	8	12	8	0	5	0	14
14	13	4	0	14	15	1	7	1	12	12	2	7	8	4	13
6	3	8	11	3	4	15	10	7	8	1	3	5	9	3	3
1	10	3	14	13	1	3	10	3	2	14	9	7	12	12	3
1	6	6	7	11	10	15	1	6	5	13	3	3	7	6	4

Seed: 42

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

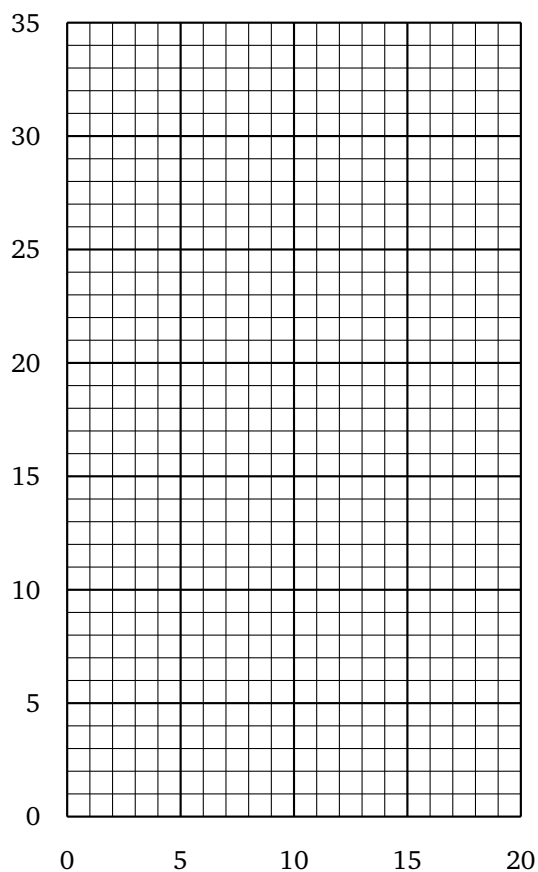
Worksheet on Histograms

Name: _____

0	11	2	7	10	12	7	7	0	6	5	13	8	12	6	2
13	13	6	1	8	7	12	9	8	9	6	0	0	15	13	4
14	8	1	13	9	14	10	1	9	12	14	5	8	11	2	13
12	0	9	5	2	9	15	8	1	7	12	15	11	0	15	9
1	2	1	10	2	12	1	8	7	0	0	14	15	1	11	15
14	14	5	11	7	14	11	13	13	6	11	1	3	14	6	10
9	4	9	14	5	5	2	2	13	11	15	10	15	3	3	3
6	15	3	7	0	0	8	9	8	14	13	15	9	4	2	12
2	0	11	1	9	3	6	0	6	5	4	2	9	11	3	0
4	11	4	10	1	11	2	3	11	7	10	4	10	4	7	7
14	12	8	13	9	11	8	9	3	14	10	13	9	0	1	14
11	14	14	3	15	9	11	8	4	7	7	4	5	7	4	2

Seed: 43

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

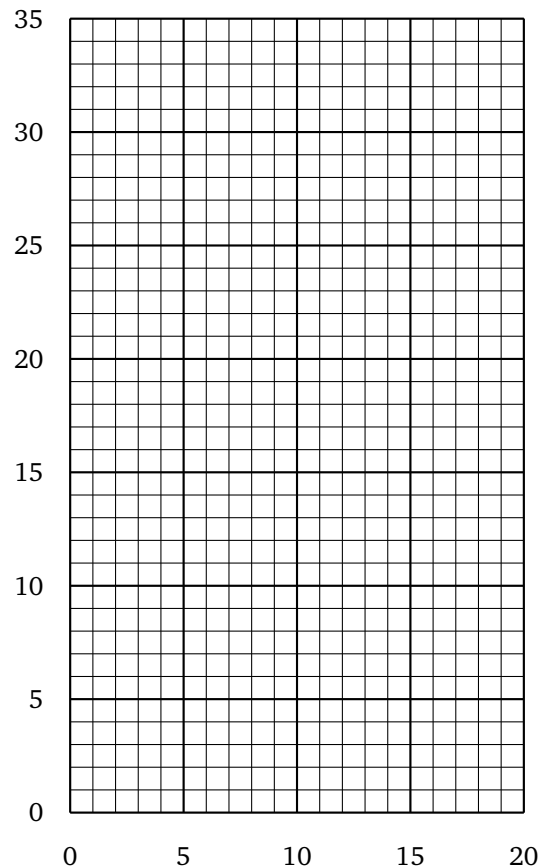
Worksheet on Histograms

Name: _____

6	8	13	2	3	0	1	0	2	8	15	11	6	6	11	5
1	13	9	1	1	1	15	1	10	15	0	6	7	14	3	4
3	0	10	13	6	0	11	11	10	5	13	10	9	8	3	7
12	10	5	13	13	0	2	3	0	12	10	8	15	5	3	1
5	13	9	0	6	0	9	1	2	10	13	9	4	10	4	0
4	11	10	3	13	13	4	15	4	1	8	13	9	8	7	4
4	6	8	15	1	4	15	10	1	7	10	14	1	14	12	4
8	13	3	11	8	1	4	6	2	15	4	3	9	8	5	5
7	14	1	14	15	10	12	6	15	11	10	7	3	11	11	0
4	8	3	2	3	0	1	6	8	10	4	2	14	10	10	11
5	9	5	10	13	0	12	1	0	1	8	13	14	2	6	15
14	13	3	4	2	4	6	12	10	2	2	7	14	7	12	11

Seed: 44

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

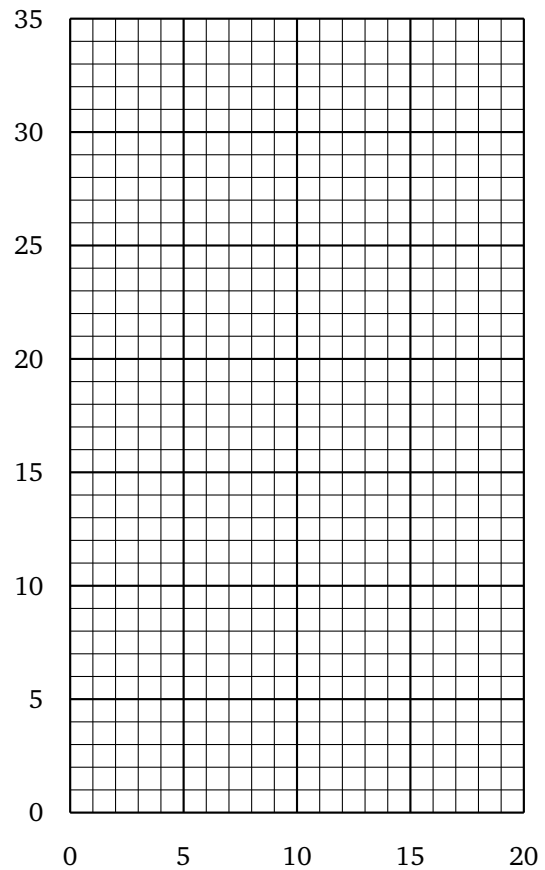
Worksheet on Histograms

Name:

4	7	1	5	1	0	4	1	4	11	0	9	2	12	11	3
13	11	1	6	11	14	2	4	12	15	1	1	12	5	6	14
11	10	13	11	12	10	9	0	14	14	5	10	0	7	9	4
6	13	2	7	1	6	14	9	0	13	10	8	4	4	2	9
0	15	1	9	9	5	4	7	5	15	10	8	10	7	2	0
15	13	1	9	12	14	1	2	6	9	1	11	12	7	13	6
13	6	6	6	11	14	1	9	13	11	3	5	14	3	15	6
8	11	10	9	13	10	14	10	9	0	14	3	3	0	9	5
10	13	15	12	13	6	0	12	15	7	14	9	6	13	0	5
11	1	8	6	3	6	11	10	9	12	6	9	1	10	10	10
12	15	11	15	10	4	13	10	10	2	9	5	9	14	6	0
1	8	13	0	6	5	7	10	8	4	13	12	14	2	8	3

Seed: 45

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

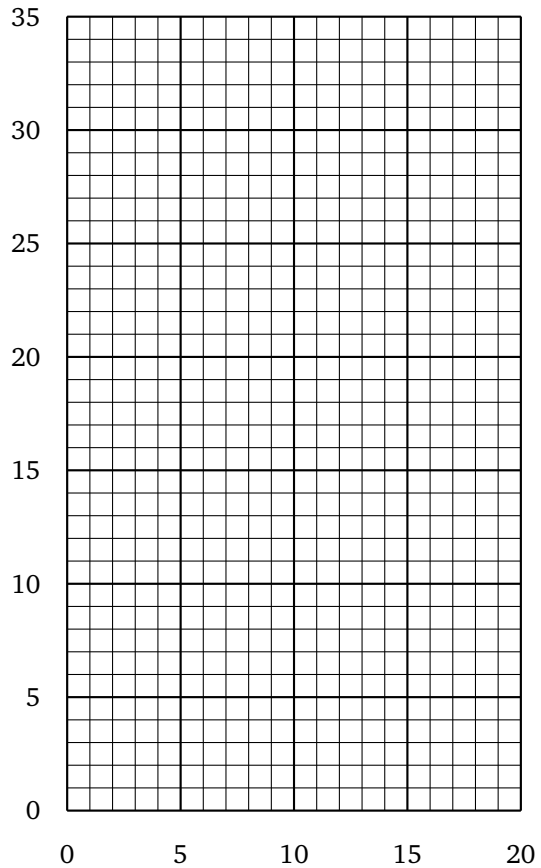
Worksheet on Histograms

Name:

14	6	9	13	3	8	9	15	0	1	5	13	13	2	14	8
15	14	1	15	7	2	7	1	11	8	1	3	8	12	4	1
5	1	5	13	2	4	12	3	1	3	9	11	10	1	4	1
8	5	12	9	9	2	8	1	1	13	2	0	11	2	4	9
15	0	10	0	12	5	1	6	10	2	6	12	13	11	7	11
2	6	4	2	0	0	15	6	5	10	11	14	14	0	3	6
4	8	3	14	5	14	14	10	4	0	15	14	7	0	12	4
6	15	14	13	1	10	9	11	0	14	2	0	10	11	11	1
3	8	9	11	0	10	3	5	2	7	4	10	4	1	5	4
4	15	9	13	10	15	7	7	4	3	14	7	10	14	8	2
11	12	14	6	2	10	12	0	12	13	1	9	1	8	2	9
4	7	9	12	7	2	5	6	5	3	15	5	0	3	12	11

Seed: 46

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

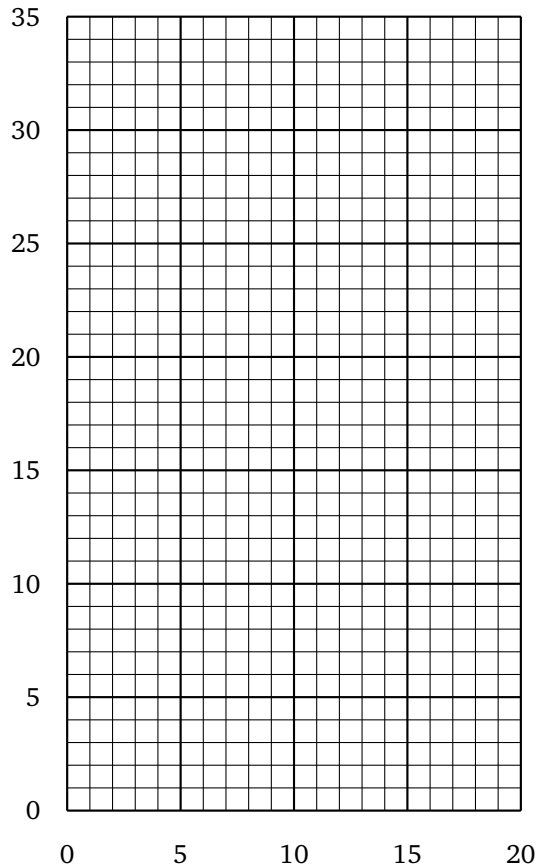
Worksheet on Histograms

Name:

5	6	7	5	8	6	0	6	0	1	4	15	7	8	14	14
9	3	8	5	15	0	5	11	9	8	12	3	13	14	0	5
5	6	8	4	10	14	14	13	3	11	12	9	10	4	12	3
8	4	8	0	4	12	4	11	12	9	10	3	7	15	15	8
7	15	8	12	1	4	13	8	12	6	14	0	4	10	8	10
7	11	12	5	0	3	5	15	15	11	2	14	2	2	12	5
6	4	0	1	1	0	0	2	8	7	12	12	8	9	0	1
13	14	5	13	14	3	0	1	1	0	8	3	14	8	8	12
9	15	1	7	8	15	6	5	4	13	7	2	15	1	7	12
13	6	9	12	1	12	12	7	1	3	12	2	0	1	7	7
4	8	11	14	15	3	10	0	4	7	1	12	14	11	9	8
12	9	6	10	14	11	1	15	8	4	15	8	5	1	14	13

Seed: 47

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

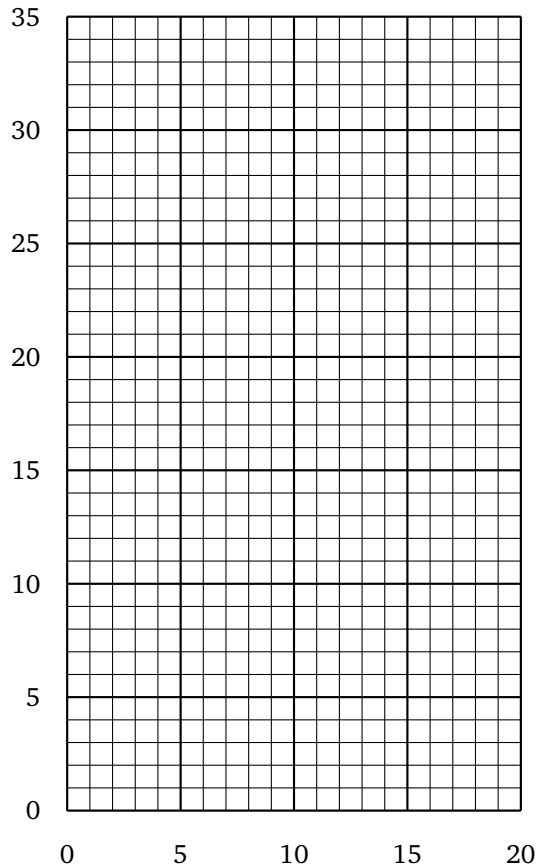
Worksheet on Histograms

Name:

8	2	11	4	15	3	12	2	15	13	1	10	3	8	13	2
3	1	1	7	2	2	11	4	5	5	13	4	10	14	9	4
2	10	2	6	13	12	4	5	4	4	7	1	1	2	5	8
5	6	12	12	6	14	0	9	10	6	6	4	12	3	9	11
13	14	2	2	4	13	9	11	6	8	15	6	6	10	13	14
8	0	1	0	0	10	5	1	12	9	8	13	1	7	9	7
3	12	13	15	9	3	3	0	15	6	4	0	5	15	10	1
3	15	5	12	10	1	13	13	14	1	3	5	13	9	15	12
1	9	1	13	0	4	9	13	1	13	1	6	12	7	10	7
10	12	7	3	0	7	3	4	3	2	15	5	14	0	8	14
9	3	10	8	8	8	10	12	0	15	9	5	1	3	1	12
3	1	7	11	2	13	15	10	1	12	13	6	14	5	1	13

Seed: 48

Above is a simulated image which has contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	

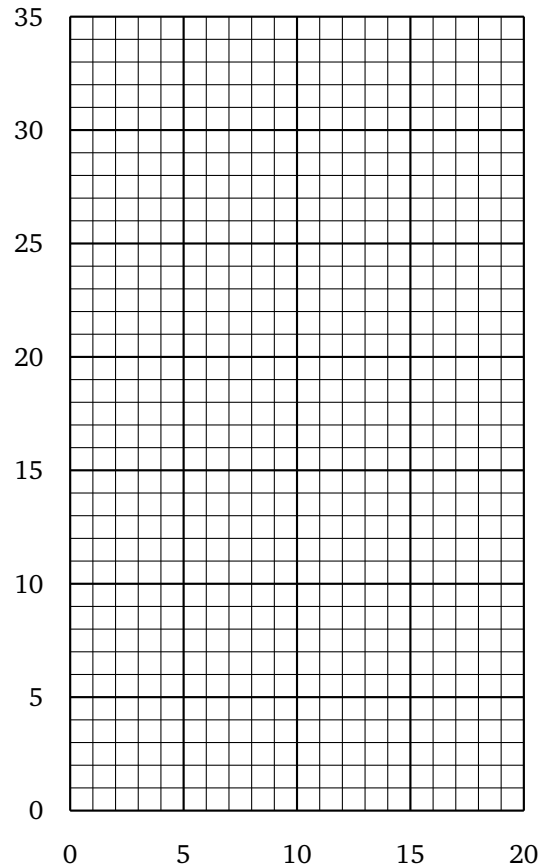
Worksheet on Histograms

Name:

1	6	1	12	8	0	0	11	2	11	10	8	13	9	9	6
3	2	6	6	12	4	6	15	9	10	11	14	3	12	1	4
9	5	7	3	4	6	9	11	7	6	15	12	8	8	2	3
1	15	13	1	11	5	10	6	5	1	3	6	11	2	7	15
1	6	13	10	15	9	10	3	6	8	13	10	5	14	9	11
2	4	9	6	4	14	15	10	15	11	7	1	9	14	9	11
6	0	8	5	9	15	15	14	10	8	8	14	0	0	1	7
15	14	8	15	11	13	4	1	3	13	14	9	2	6	4	9
12	13	9	4	5	3	1	0	1	14	8	15	8	4	4	7
10	4	11	0	10	3	2	13	12	3	0	11	14	1	15	12
3	0	11	5	4	15	2	5	8	15	1	1	1	3	5	7
5	3	8	2	4	1	1	7	6	10	14	11	2	11	10	12

Seed: 49

Above is a simulated image which contains a small range of grey levels. Your task is to determine the number of pixels that occupy each grey level and hence to draw the histogram of the image. You should use the region to the left below for recording the grey level frequency and the squared region below right for drawing your histogram. Marks are awarded as shown in the table at the foot of the page.



CATEGORY	AVAILABLE	AWARDED
freq. table	/7	
accuracy	/8	
histogram	/10	
Total	/25	