```
MTB > let k1=c4(1)
MTB > let k2=c4(2)
MTB > let k3=c4(3)
MTB > let k4=c4(4)
MTB > let k5=c4(5)
MTB > let k6=c4(6)
MTB > let k7=c4(7)
MTB > let k8=c4(8)
MTB > let k9=c4(9)
MTB > let k10=c4(10)
MTB > let k11=c3(1)
MTB > let k12=c3(2)
MTB > let k13=c3(3)
MTB > let k14=c3(4)
MTB > let k15=c3(5)
MTB > let k16=c3(6)
MTB > let k17=c3(7)
MTB > let k18=c3(8)
MTB > let k19=c3(9)
MTB > let k20=c3(10)
code (k1:k11) 1 (k2:k12) 2 (k3:k13) 3 (k4:k14) 4 (k5:k15) 5 (k6:k16) 6
(k7:k17) 7 (k8:k18) 8 (k9:k19) 9 (k10:k20) 10  c1 c10
```

```
MTB > tally c10;
SUBC> store c12 c8.
```

Summary Statistics for Discrete Variables

C10	Count
1	39
2	50
3	50
4	54
5	62
6	49
7	56
8	53
9	36
10	51
N=	500

```
MTB > let c9=((c7-c8)**2)/c7
MTB > sum c9
```

Column Sum

Sum of C9 = 10,480

MINITAB - Untitled

File Edit Manip Calc Stat Graph Editor Window Help

Session

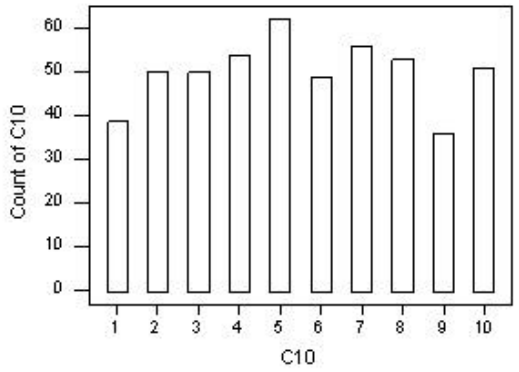
```
* ERROR * Unknown MINITAB subcommand:  CDF  or subcommand out
        * Subcommand ignored.
SUBC> .
MTB > cdf 10,48;
SUBC> chisq 7.
```

Cumulative Distribution Function

Chi-Square with 7 DF

x	P(X <= x)
10,4800	0,8370

Worksheet 1: Chart C10;



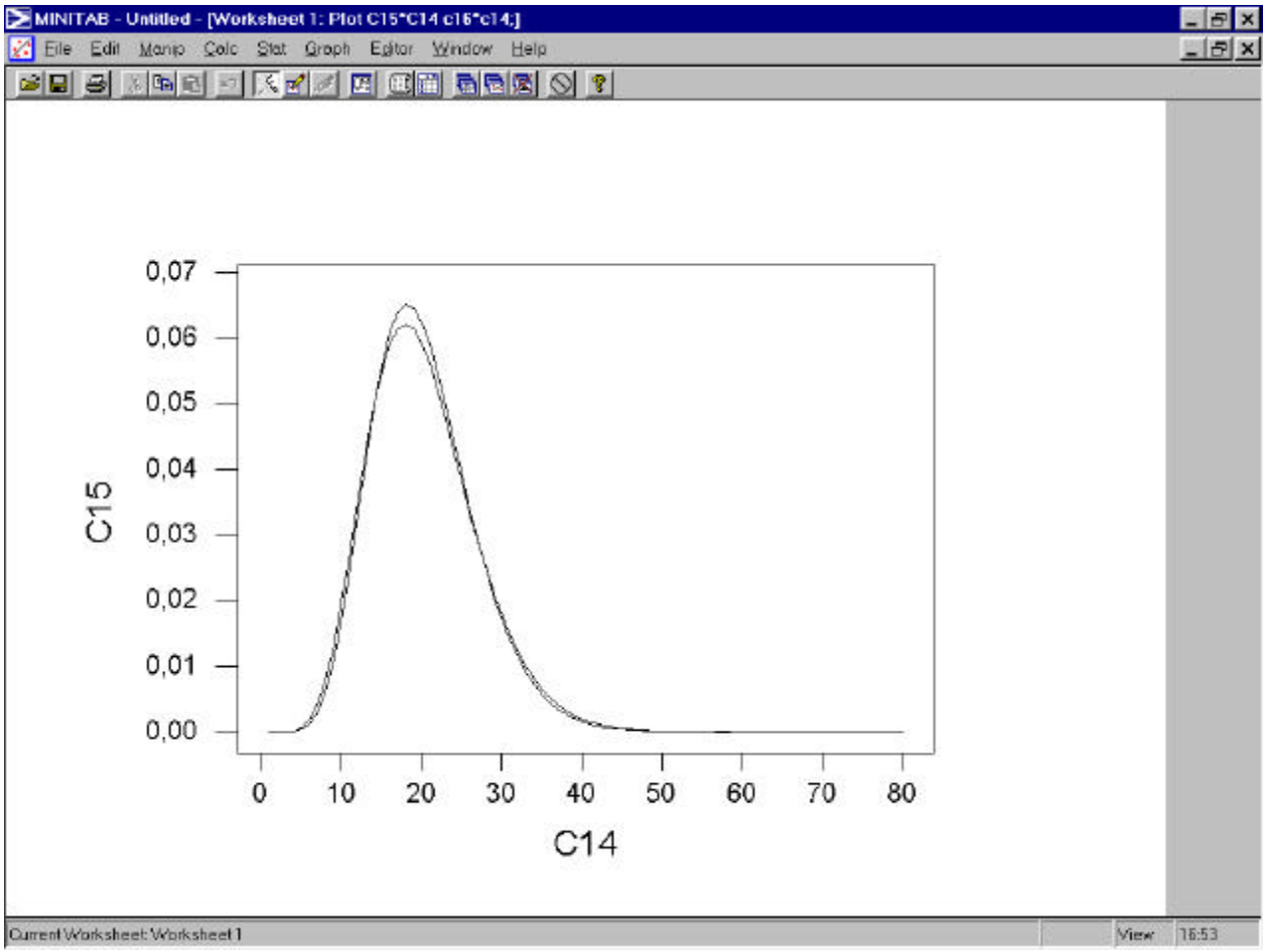
Worksheet 1 ***

	C4	C5	C6	C7	C8	C9	C10	C11	C12	C
↓										
1	0,0000	12,5670	0,0000	50	39	2,42	10		1	
2	12,1959	14,7242	12,5670	50	50	0,00	9		2	
3	14,4319	16,4285	14,7242	50	50	0,00	2		3	
4	16,2087	17,9869	16,4285	50	54	0,32	1		4	
5	17,8401	19,5308	17,9869	50	62	2,88	7		5	
6	19,4618	21,1609	19,5308	50	49	0,02	4		6	
7	21,1792	23,0023	21,1609	50	56	0,72	7		7	
8	23,1250	25,2879	23,0023	50	53	0,18	1		8	
9	25,5476	28,6961	25,2879	50	36	3,92	4		9	
10	29,1731	80,0000	28,6961	50	51	0,02	6		10	
11							3			
12							5			

Current Worksheet: Worksheet 1

16:47

```
MTB > PDF c14 c15;
SUBC>   Gamma 10 2,020.
MTB > pdf c14 c16;
SUBC> gamma 9 2,245.
```



MINITAB - Untitled

File Edit Manip Calc Stat Graph Editor Window Help

Calculator...
Column Statistics...
Row Statistics...
Standardize...
Extract from Date/Time to Numeric...
Extract from Date/Time to Text...

Make Patterned Data
Make Mesh Data...
Make Indicator Variables...

Set Base...
Random Data
Probability Distributions
Matrices

Chi-Square...
Normal...
F...
t...
Uniform...

Binomial...
Discrete...
Integer...
Poisson...

Beta...
Cauchy...
Exponential...
Gamma...
Laplace...
Logistic...
Lognormal...
Weibull...

Session

Descriptive

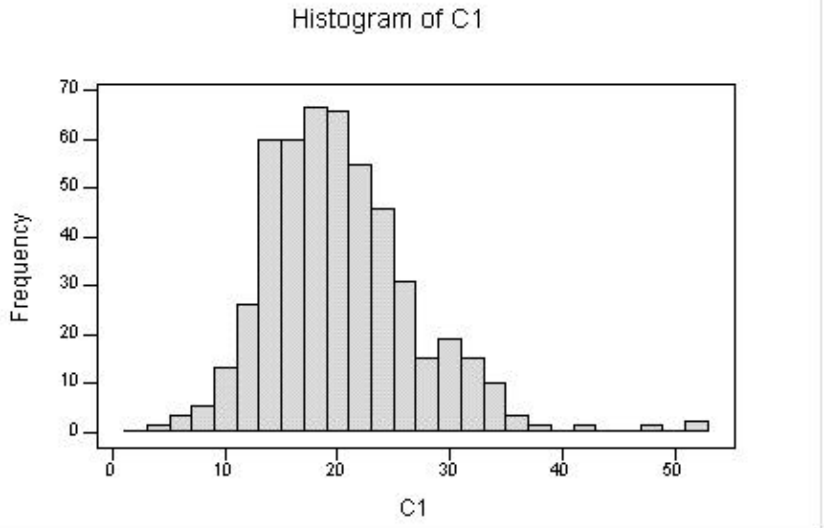
Variable	Median	TrMean	StDev	SE Mean
C1	19,359	19,932	6,532	0,292

Variable	Q1	Q3
C1	15,737	23,906

MTB >

1	29,2410	0,1	12,1959	
2	27,8043	0,2	14,4319	
3	13,7428	0,3	16,2087	
4	10,7720	0,4	17,8401	
5	23,0895	0,5	19,4618	
6	17,6112	0,6	21,1792	
7	22,0451	0,7	23,1250	
8	11,9933	0,8	25,5476	
9	17,3794	0,9	29,1731	
10	20,2600	1,0	80,0000	
11	14,5484			
12	18,3740			
13	7,6436			

Worksheet 1: Hist of C1



Calculate probabilities from a gamma distribution