	A	B
=		
1	p	
2	CL	
3	E	
4	CV	not
5		
6		
7		
8		
9		
10		
11		

A1 p

2) Given p =0.795

p implies q=1−0.795 =0.205

E =0.125

CL =0.86

CL implies alpha =0.14 and half alpha =0.07

CV = 1.47579 **(NOT famous)**

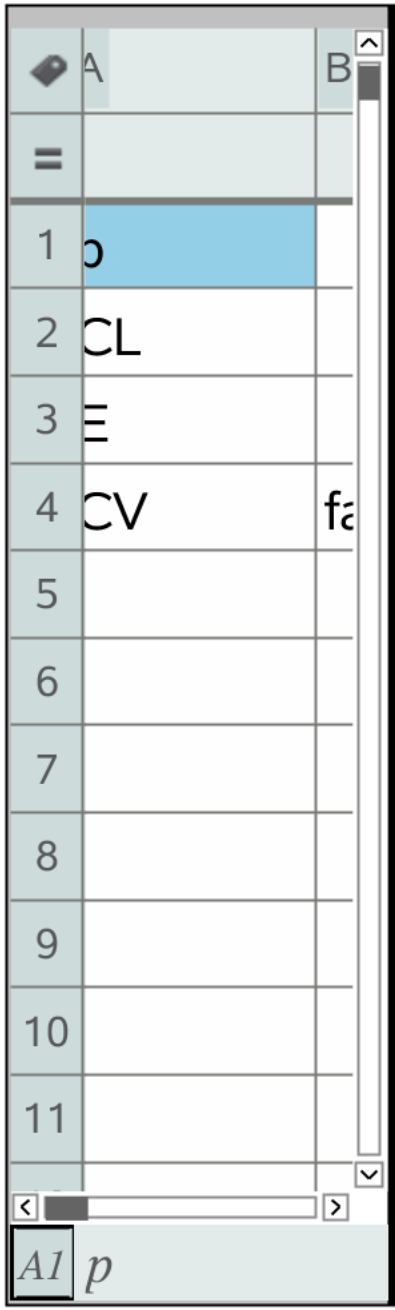
=invnorm(0.07 **,0,1)**

$$\mathbf{n} = [(1.47579)^2 (0.795)(0.205)]/(0.125)^2$$

=22.717

WE ALWAYS ROUND THIS UP TO NEXT INTEGER!

=23.



1) Given p =0.83

p implies q=1−0.83 =0.17

E =0.06

CL =0.95

CL implies alpha =0.05 and half alpha =0.025

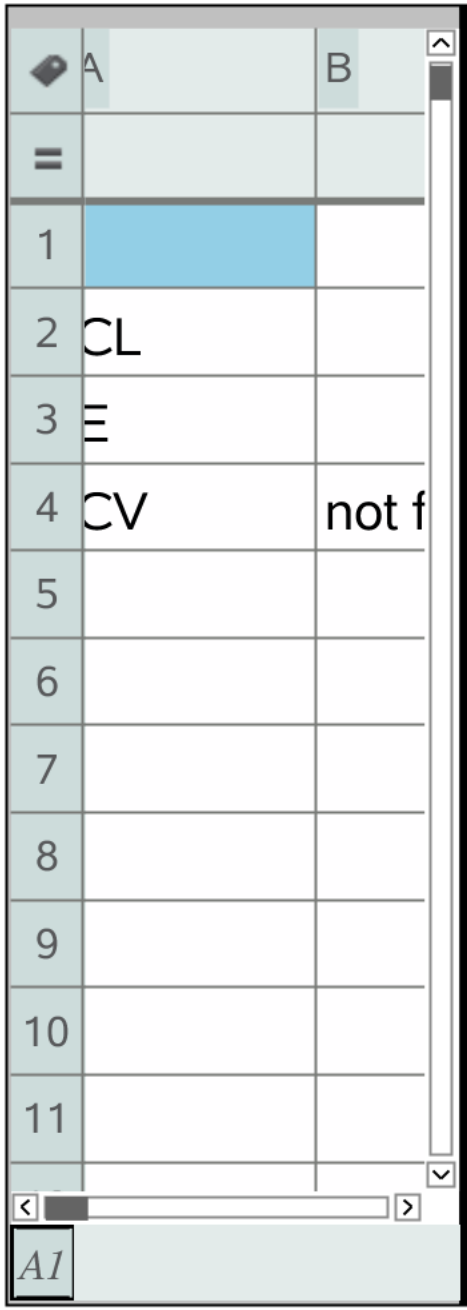
CV = 1.96 **(famous)**

$$n = [(1.96)^2 (0.83)(0.17)]/(0.06)^2$$

$$= 150.569$$

WE ALWAYS ROUND THIS UP TO NEXT INTEGER!

$$= 151.$$



	A	B
=		
1		
2	CL	
3	E	
4	CV	not f
5		
6		
7		
8		
9		
10		
11		

A1

4) Given p =**UNKNOWN**

E =0.097

CL =0.81

CL implies alpha =0.19 and half alpha =0.095

CV = 1.31058 **(NOT famous)**

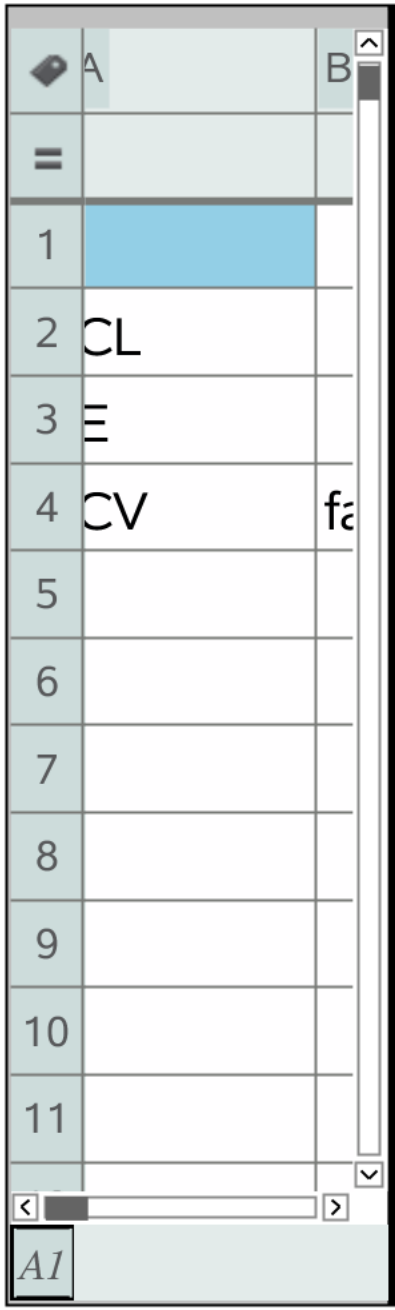
=invnorm(0.095 **,0,1)**

$$\mathbf{n} = [(1.31058)^2 (0.25)]/(0.097)^2$$

=45.6376

WE ALWAYS ROUND THIS UP TO NEXT INTEGER!

=46.



3) Given p =**UNKNOWN**

E =0.02

CL =0.9

CL implies alpha =0.1 and half alpha =0.05

CV = 1.645 **(famous)**

$$\mathbf{n} = [(1.645)^2 (0.25)]/(0.02)^2$$

$$= 1691.27$$

WE ALWAYS ROUND THIS UP TO NEXT INTEGER!

$$= 1692.$$