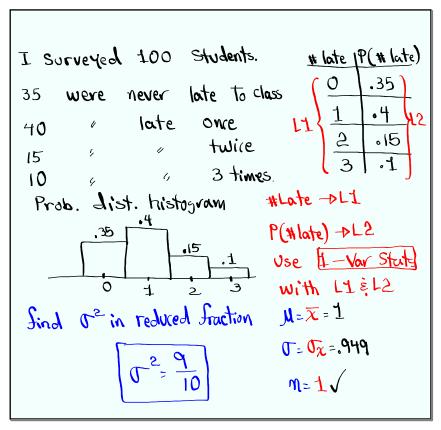


Feb 19-8:47 AM



Oct 23-12:22 PM

```
7) P(\# 0) Successes is at most 25)

P(\chi \le 25) = binom cds(100, .2, 25)

= \frac{.913}{.913}

8) P(\# 0) Successes is at least 15)

P(\chi \ge 15) = 1 - P(\chi \le 14)
= 1 - binom cds(100, .2, 14)
= \frac{.920}{.920}

9) P(\# 0) Successes is between 12 and 28, inclusive) Keep

P(\chi \ge 10) = binom cds(100, .2, 28) - binom cds(100, .2, 11)

Reduce by 1

= \frac{.967}{.967}
```

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Consider a geometric Prob. dist with P=.2

1) 
$$q = 1 - P = .8$$

2)  $M = \frac{1}{P} = \frac{1}{.2} = .5$ 

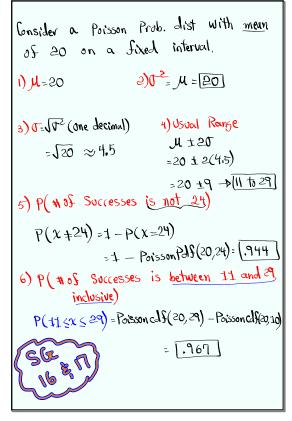
3)  $C = \frac{q}{P^2} = \frac{.8}{.2^2} = .20$ 

4)  $C = \frac{1}{P} = \frac{1}{.2} = .20$ 

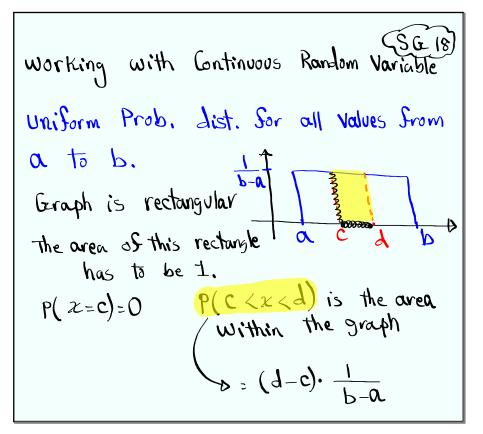
2)  $C = \frac{1}{P} = \frac{1}{.2} = .20$ 

3)  $C = \frac{1}{P} =$ 

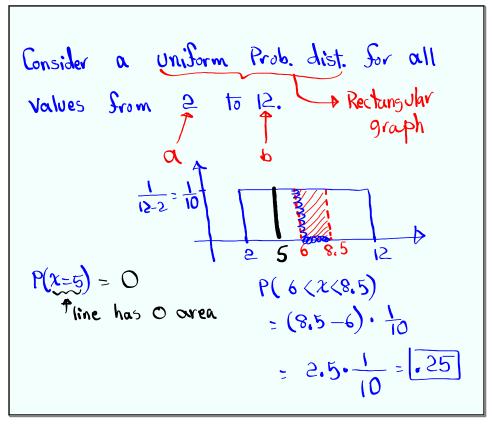
Oct 23-12:36 PM

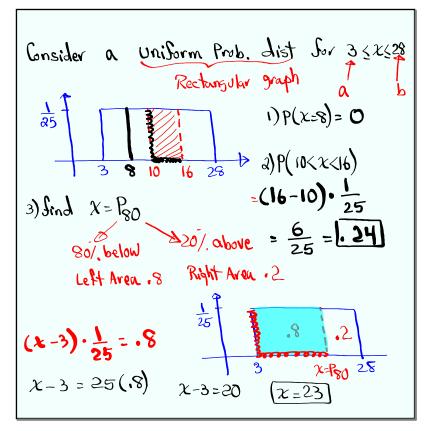


Oct 23-12:45 PM

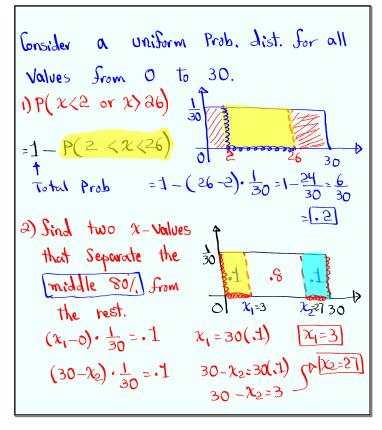


Oct 23-12:55 PM

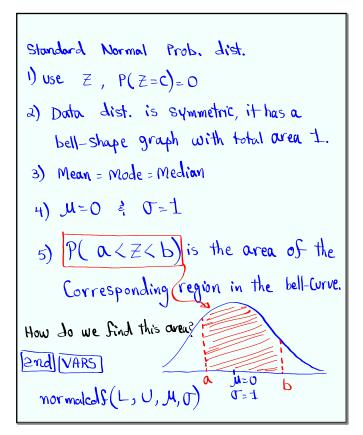




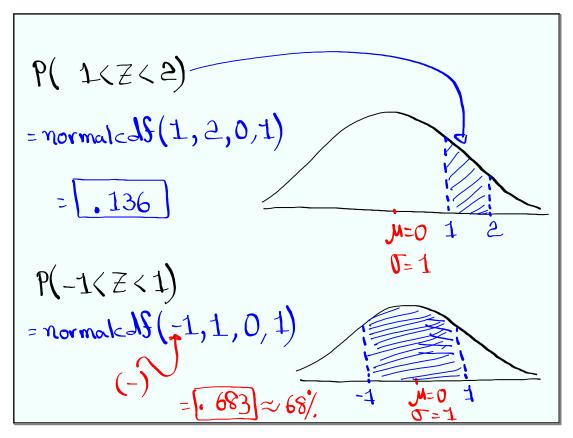
Oct 23-1:05 PM



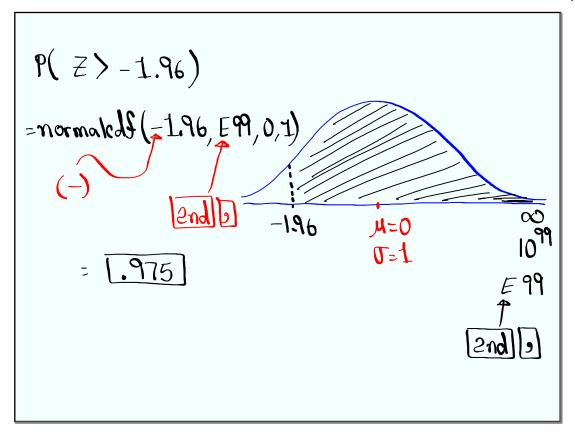
Oct 23-1:13 PM



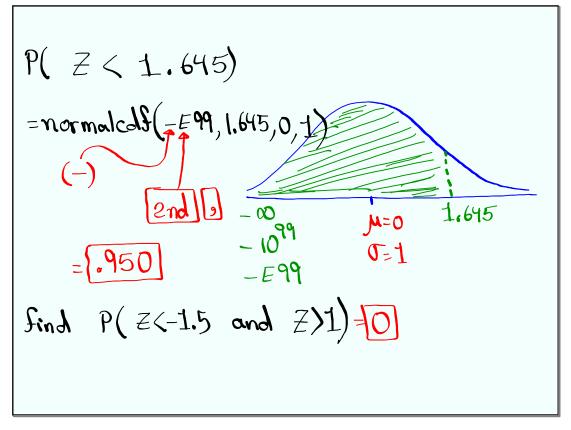
Oct 23-1:39 PM

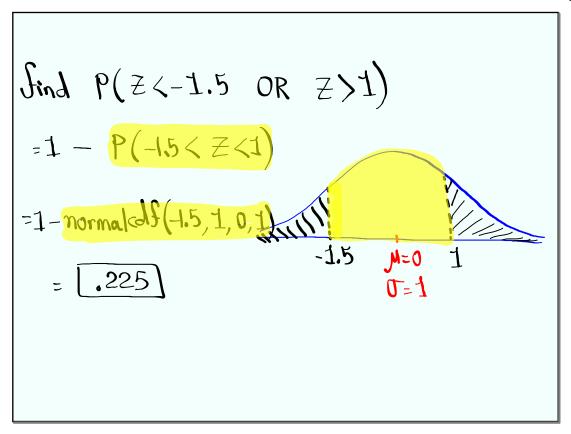


Oct 23-1:46 PM

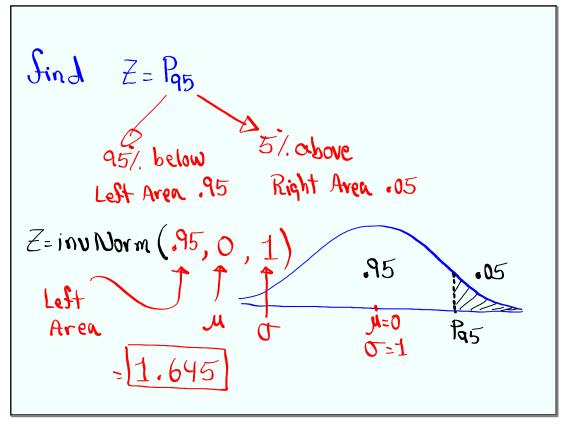


Oct 23-1:52 PM

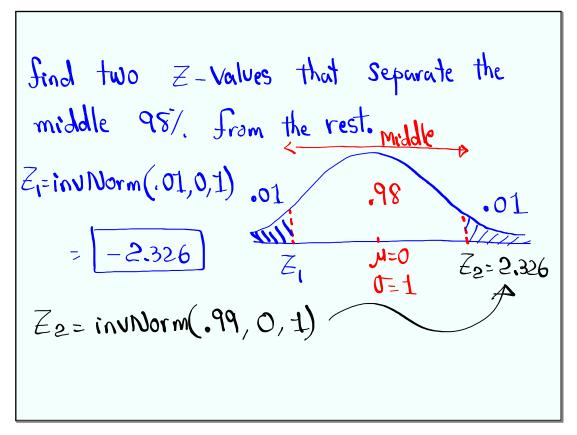




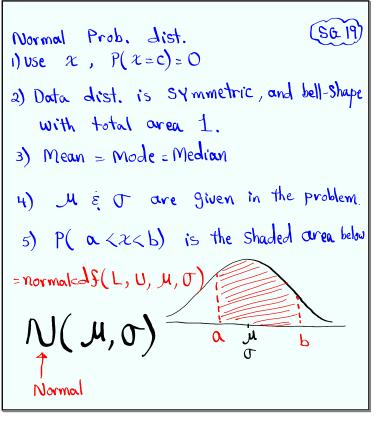
Oct 23-2:00 PM

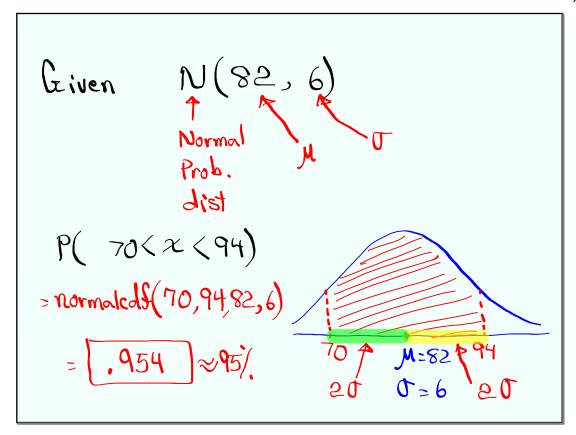


Oct 23-2:05 PM

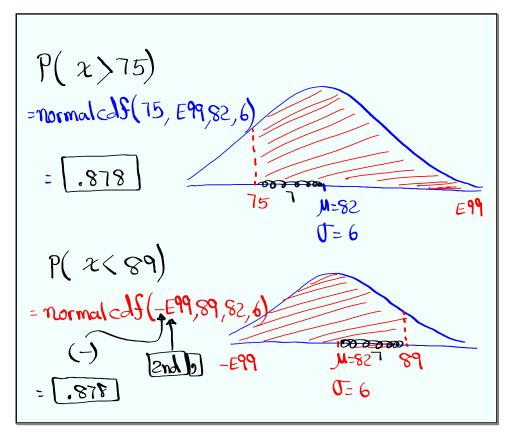


Oct 23-2:09 PM





Oct 23-2:19 PM



Oct 23-2:24 PM

Consider the chart below

$$\begin{array}{c|ccccc}
x & y & x \rightarrow Q \neq S \text{ scores} & L1 \\
\hline
12 & 85 & y \rightarrow E \times A & S \text{ scores} & L2 \\
\hline
14 & 88 & Sind & Q = 54.769 & $55 \\
\hline
16 & 90 & Q = 54.769 & $55 \\
\hline
16 & 95 & Q = 54.769 & $55 \\
\hline
16 & 95 & Q = 54.769 & $55 \\
\hline
16 & 95 & Q = 54.769 & $55 \\
\hline
16 & 95 & Q = 54.769 & $55 \\
\hline
16 & 95 & Q = 54.769 & $55 \\
\hline
16 & 95 & Q = 93.0 & $73.0 \\
\hline
16 & 95 & Q = 93.0 & $73.0 \\
\hline
16 & 95 & Q = 93.0 & $73.0 \\
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16 & 95 & Q = 93.0 & $73.0 \\
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16 & 95 & Q = 93.0 & $73.0 \\
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16 & 95 & Q = 93.0 & $73.0 \\
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16 & 95 & Q = 93.0 & $73.0 \\
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16 & 95 & Q = 93.0 & $73.0 \\
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16 & 95 & Q = 93.0 & $73.0 \\
\hline
16 & 95 & Q = 93.0 & $73.0 \\
\hline
17 & 17 & Q = 15.0 & $73.0 \\
\hline
18 & 100 & Q = 15.0 & $73.0 \\
\hline
19 & 100 & Q = 15.0 & $73.0 \\
\hline
10 & 100 & Q = 15.0 & $73.0 \\
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10 & 100 & Q = 15.0 & $73.0 \\
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10 & 100 & Q = 15.0 & $73.0 \\
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10 & 100 & Q = 15.0 & $73.0 \\
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10 & 100 & Q = 15.0 & $73.0 \\
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10 & 100 & Q = 15.0 & $73.0 \\
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10 & 100 & Q = 15.0 & $73.0 \\
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10 & 100 & Q = 15.0 & $73.0 \\
\hline
11 & 100 & Q = 15.0 & $73.0 \\
\hline
12 & 100 & Q = 15.0 & $73.0 \\
\hline
13 & 100 & Q = 15.0 & $73.0 \\
\hline
14 & 100 & Q = 15.0 & $73.0 \\
\hline
15 & 100 & Q = 15.0 & $73.0 \\
\hline
16 & 100 & Q = 15.0 & $73.0 \\
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17 & 100 & Q = 15.0 & $73.0 \\
\hline
18 & 100 & Q = 15.0 & $73.0 \\
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10 & 100 & Q = 15.0 & $73.0 \\
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10 & 100 & Q = 15.0 & $73.0 \\
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10 & 100 & Q = 15.0 & $73.0 \\
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10 & 100 & Q = 15.0 & $73.0 \\
\hline
10 & 100 & Q = 15.0 & $73.0 \\
\hline
10 & 100 & Q = 15.0 & $73.$$

Oct 23-2:30 PM