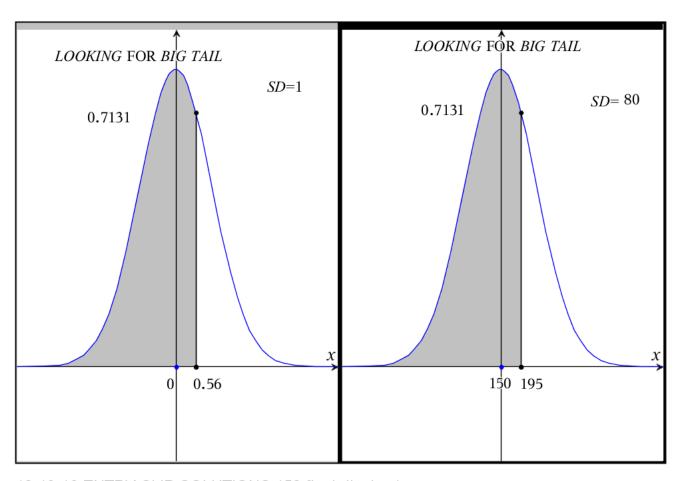
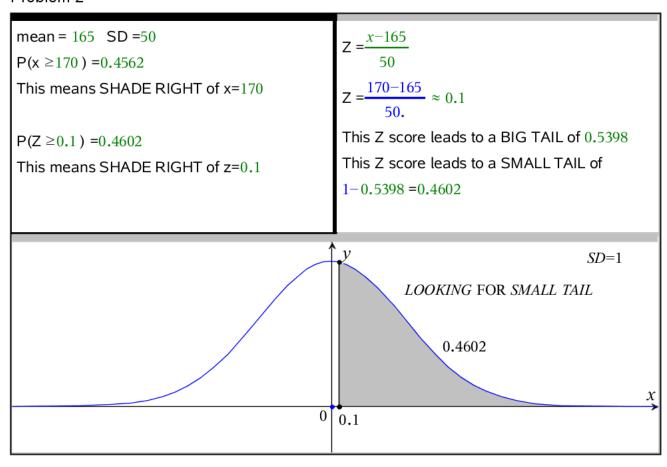
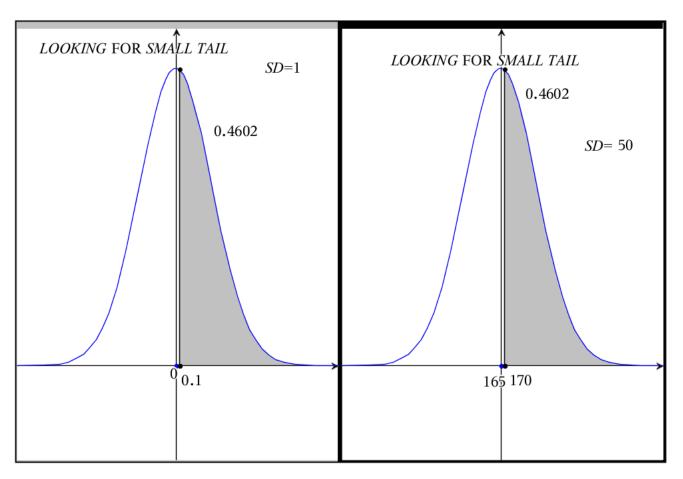
$Z = \frac{x - 150}{80}$ mean = 150 SD = 80 $P(x \le 195) =$ _____ $Z = \frac{195 - 150}{80.} = 0.56$ This means SHADE LEFT of 195 $P(x \le 195) \approx 0.7123$ This Z score leads to a BIG TAIL of 0.7123 $P(z \le 0.56) =$ This Z score leads to a SMALL TAIL of This means SHADE LEFT of 0.56 1-0.7123 = 0.2877 $P(z \le 0.56) \approx 0.7123$ SD=1LOOKING FOR BIG TAIL 0.7131 0.56



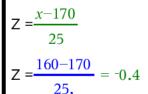




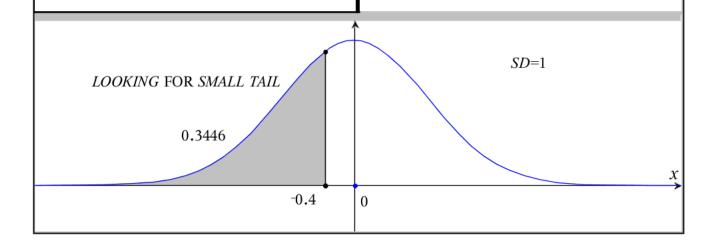
mean = 170 SD =25 $P(x \le 160) = _____$ This means SHADE LEFT of 160 $P(x \le 160) \approx 0.3446$ $P(z \le -0.4) = _____$

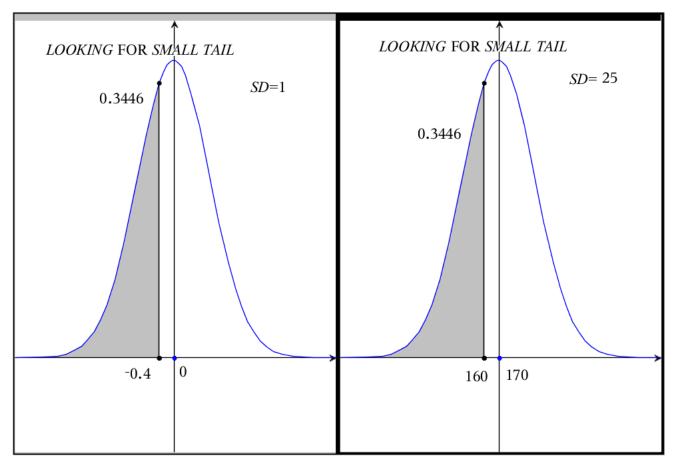
This means SHADE LEFT of $\ \ ^{-}0.4$

$$P(z \le -0.4) \approx 0.3446$$



This Z score leads to a BIG TAIL of 0.6554This Z score leads to a SMALL TAIL of 1-0.6554 = 0.3446





mean = 190 SD =60

 $P(x \le 185) =$

This means SHADE LEFT of 185

 $P(x \le 185) \approx 0.4013$

 $P(z \le -0.25) =$

This means SHADE LEFT of -0.25

 $P(z \le -0.25) \approx 0.4013$

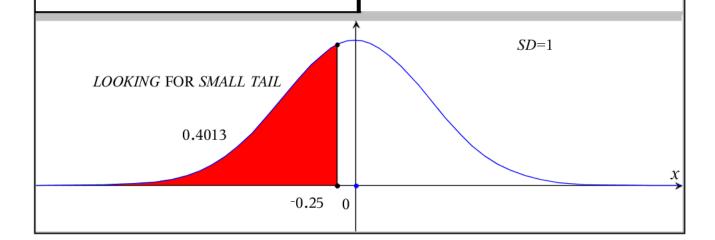
 $Z = \frac{x - 190}{60}$

 $Z = \frac{185 - 190}{60} = -0.08$

This Z score leads to a BIG TAIL of 0.5987

This Z score leads to a SMALL TAIL of

1-0.5987 =0.4013



mean = 190 SD =60

 $P(x \le 210) =$

This means SHADE LEFT of *x_given2*

 $P(x \le 210) \approx 0.6293$

 $P(z \le 0.33) =$

This means SHADE LEFT of 0.33

 $P(z \le 0.33) \approx 0.6293$

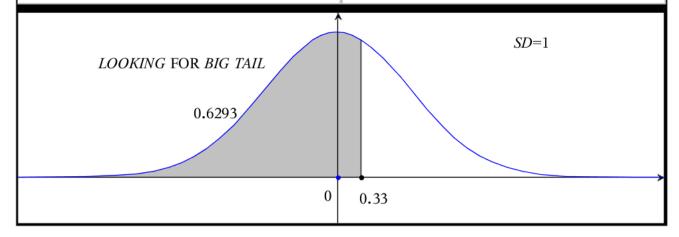
 $Z = \frac{x - 190}{60}$

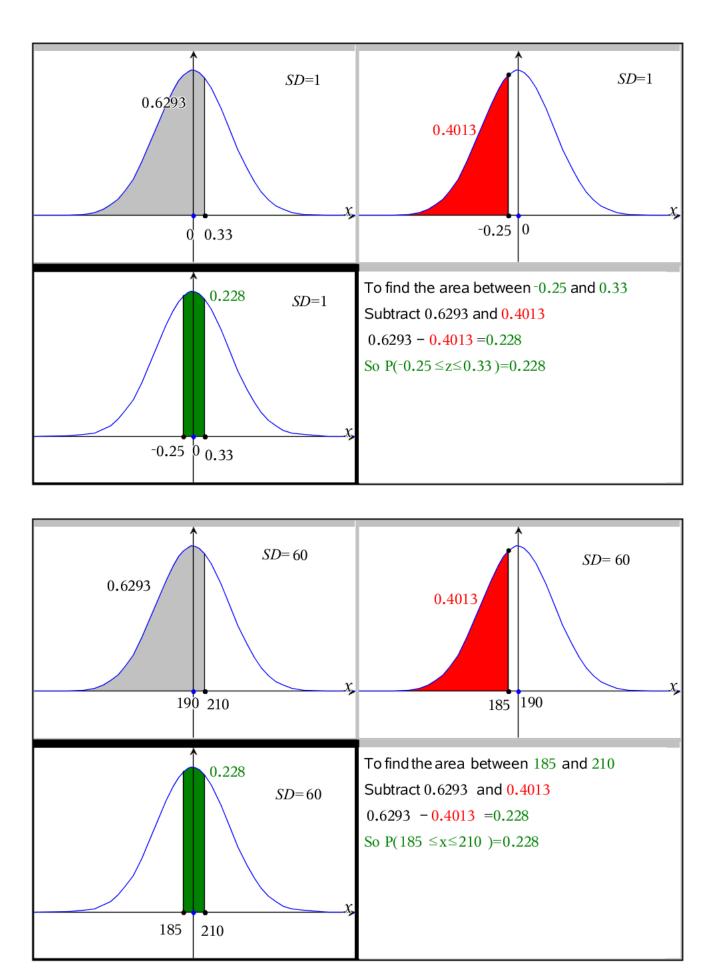
 $Z = \frac{210-190}{60} = 0.33$

This Z score leads to a BIG TAIL of 0.6293

This Z score leads to a SMALL TAIL of

1-0.6293 = 0.3707





10-19-16 ENTRY SLIP SOLUTIONS 150 final display.tns

