06-05-2018

X~ N(8.8, 6.52)

1) Pr(7.282X = 7.42)

cmoen(7-42, 8.8, sopt(6.52)) - pmoem(7-28, 8.8, sopt(6.52)); = 0.01861462

2) Pr(X < 8.38)

prozm(d.38, d.d, sgzt(6.52))

= 0.4346748 N

3) Pr(1x1>6.77) = Pr(x<-6.77) + Pr(x>6.77)
prozn(-6.77, 8.8, sopot(6.52))+1-prozn(6.77, 8.8, sopot(6.52));

= 0.786696,