(5\*6^(3/2)\*sqrt(39283\*y-1392)+6690)/241 flat 30

(3\*sqrt(30)\*sqrt(3033-1793\*y)+1410)/11 positive 30-60

-(9\*sqrt(52160\*y+28601)-3069)/16 negative 60-90

(5\*sqrt(78157-105624\*y)+3425)/18 positive 90-135

-(2445\*y-3025)/18 negative 135-165

\*\*for y, substitute in the corresponding random number

\*\*negative slope=negative solution in CDF