



Exercise



Wait a sec, if I wear my
5-inch heels, I'm much taller.
Won't that affect the probability
that my date is taller than me?

Julie has a problem. When we calculated the probability of her date being taller than her, we failed to take her high heels into account. See if you can find the probability of Julie's date being taller than her while she's wearing shoes with 5 inch heels.

As a reminder, Julie is 64 inches tall and $X \sim N(71, 20.25)$ where X is the height of men in Statsville.