



Solution: 48.

You could pick all of the red candies, of which there are 20, and all of the green ones, of which there are 25, and still not have a single brown candy in your hand. That's already 45 candies. You'll then need to pick three brown ones, giving you a total of 48.

This is the number you must pick to be *absolutely certain* that there are three brown candies. However, it's certainly possible — even likely — that you would have three brown candies if you picked fewer. You just can't be absolutely certain that you'll have three brown ones.