Be a magician

"Pick a number from 1 to 100." (I've heard that before.)

"Now take these seven cards and give me back just the cards with your number on them." I looked at the cards and handed four of them back.

"Your number's 83."

"How did you do that?"

"I'll never tell!"

Here are the seven cards I was given. How did my magician friend do it?

Thanks to Napoleon Reyes at ACS for sharing this with us.

Note: If you want a set of cards, and this is a library copy of CHEMTECH, please photocopy this page instead of cutting it up.