



Problem of the Week

Problem A

Collecting Cards

Mitig loves to play hockey. He also loves to collect hockey cards. He has 169 hockey cards in total. Mitig's younger cousin Aki also loves to play hockey, and she is just beginning her collection of hockey cards. She starts with 9.

If Mitig gives Aki 8 cards a day, will they ever have the same number of cards in their collections?

If they do end up with the same number of cards at some point, how many cards does each have and how many days will it take for this to happen?

