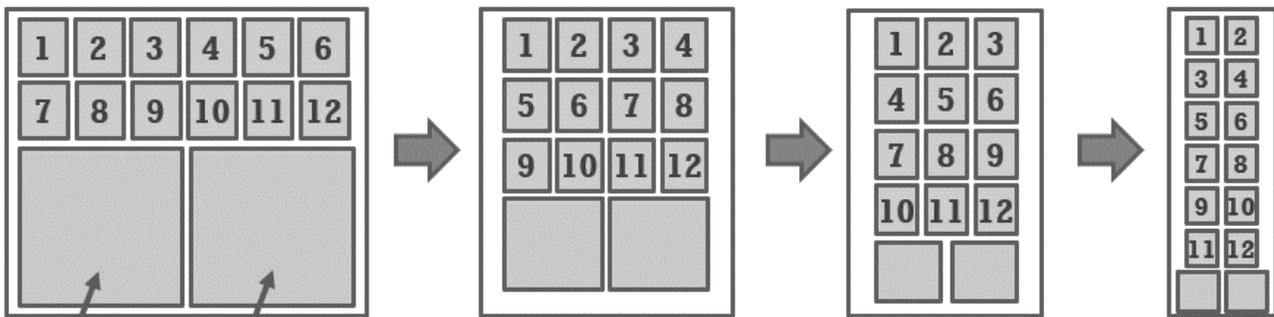




Jimmy was doing his best to pay attention to his kindergarten teachers, Ms. Rory and Ms. Dede during his on-line class. It was only the first week of virtual school, and the teachers had already had the students write two letters to the principal about the importance of hand-washing and social distancing, and now they were assigning them to write a *third letter!* Jimmy was getting a little bored, so he started playing with the proportions of the window on his laptop screen. Ms. Rory's and Ms. Dede's images were always at the very bottom of the window in that order, and the twelve images of Jimmy and his eleven classmates were in a 2-row by 6-column grid at the top. When Jimmy made the window skinnier, the student grid would change to a 3 x 4 grid, and then to a 4 x 3 grid, and when he made it skinny enough, it would change to a 6 x 2 grid. Jimmy noticed, however, that the students were always in the same order first to last, and it wasn't necessarily alphabetical.



Ms. Rory & Ms. Dede

As he played with these four different arrangements, Jimmy made the following observations about his classmates:

Edana was always immediately to the right of Gabrielle in every arrangement.

Crosby and Liza were always in opposite corners in every arrangement.

Brooke and Hayden were never in the same row or the same column in any of the arrangements, and the same was true for Liza and Frank.

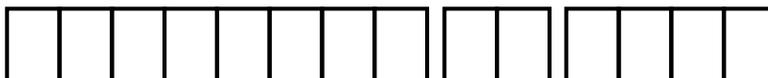
Brooke was in the top row in all but one of four arrangements.

Hayden was in the bottom row in all but one of four arrangements.

In one arrangement, Alonzo, Crosby and Keyshia were all in the same diagonal.

And in another arrangement, Hayden, Dominic and Alonzo were all one knight's move away from Jimmy's position.

He was sending all this information in a chat message to his classmate, Isla, just as Ms. Rory started wrapping things up: "OK, my little virtual friends," Ms. Rory smiled, "Sing along with me..." And we all know what song they sang!



knight moves!

