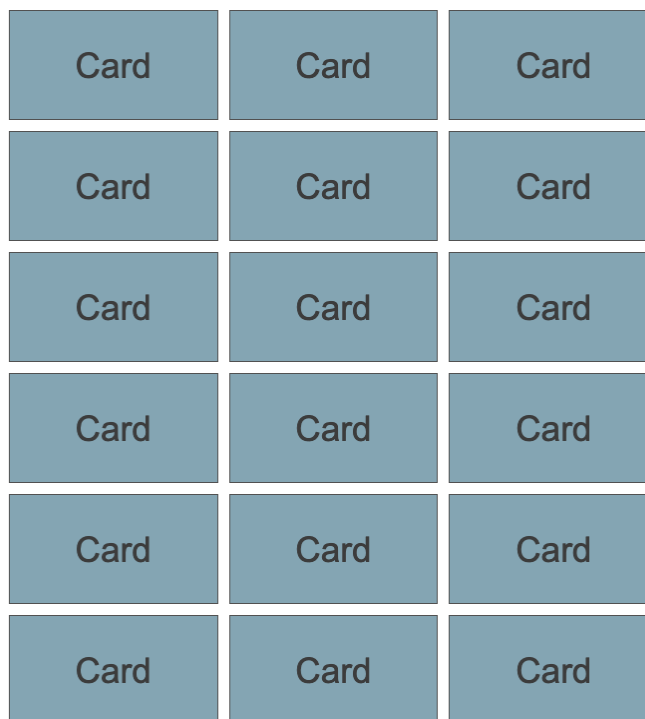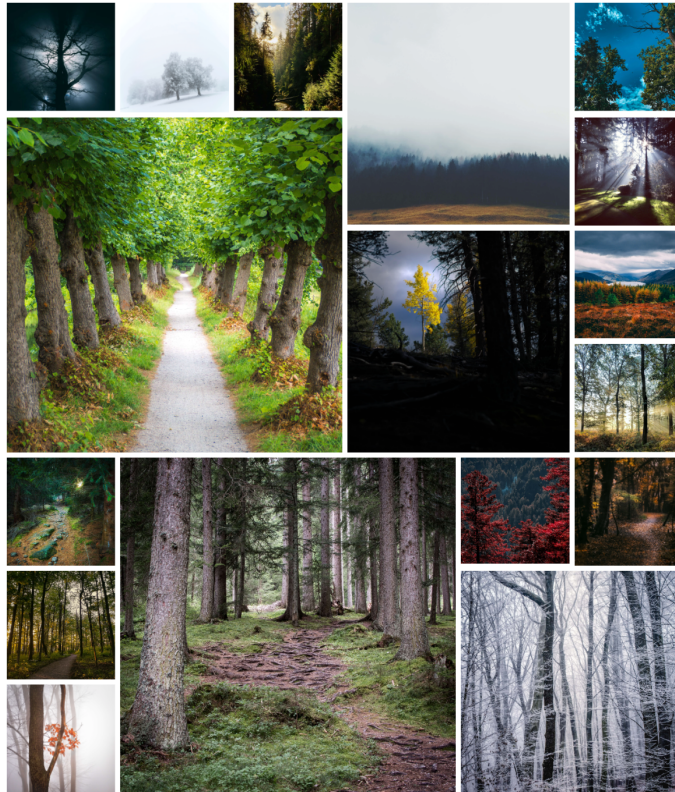# Fluid Layouts with CSS Grid

1. Use `minmax()` & `repeat()` to recreate the fluid layout shown in the image below. The cards should take up a minimum width of `180px` each and the layout should pack as many columns as possible, dividing any extra space evenly between the columns.

   For example, if the total viewport width is `700px`, there is not enough width to pack four columns (which require a minimum of `800px`), so the layout will pack three columns of `233px` each.

Card	Card	Card
Card	Card	Card
Card	Card	Card
Card	Card	Card
Card	Card	Card
Card	Card	Card

2. Create a fluid image gallery with the provided 18 square (1:1) images.

a. Create as many `200px` grid columns as will fit on the page and distribute the leftover space between them evenly.

b. Set every 4th image to span 2 rows & 2 columns and every 6th image to span 3 rows and 3 columns (you can later change these numbers and test other alternatives).

c. Use `grid-auto-flow: dense` to fill the grid and populate empty cells

d. Bonus: there's a lot to learn about working with images - file sizes, image sizes, aspect ratio… Try finding and using other images.