

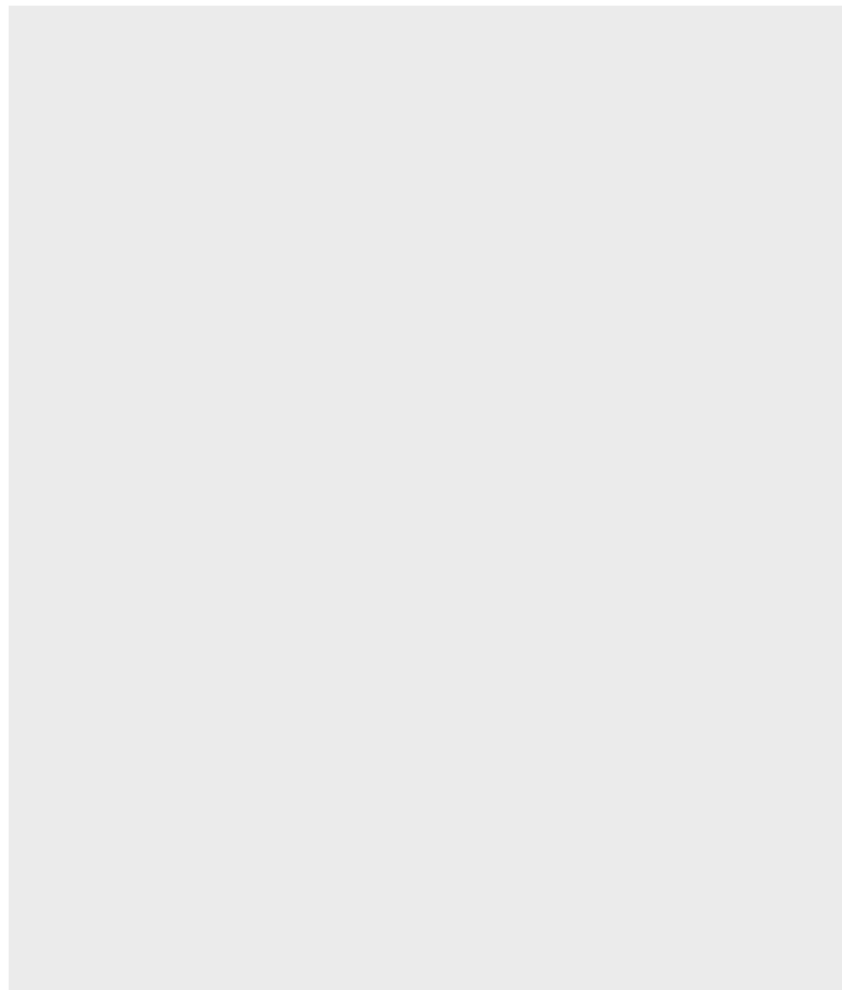
```
bind_rows(start_grid, end_grid)
```

```
# A tibble: 68 x 6
```

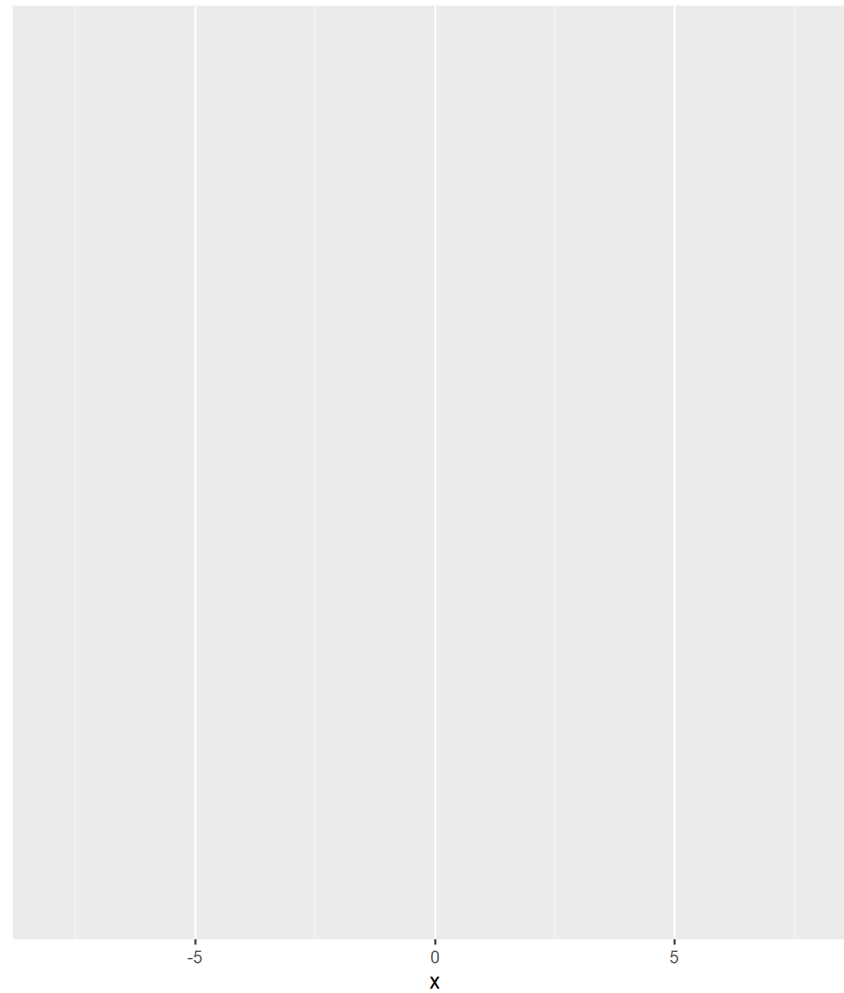
	x	y	xend	yend	index	time
	<dbl>	<dbl>	<dbl>	<dbl>	<int>	<int>
1	-8	-8	-8	8	1	1
2	-7	-8	-7	8	2	1
3	-6	-8	-6	8	3	1
4	-5	-8	-5	8	4	1
5	-4	-8	-4	8	5	1
6	-3	-8	-3	8	6	1
7	-2	-8	-2	8	7	1
8	-1	-8	-1	8	8	1
9	0	-8	0	8	9	1
10	1	-8	1	8	10	1

```
# ... with 58 more rows
```

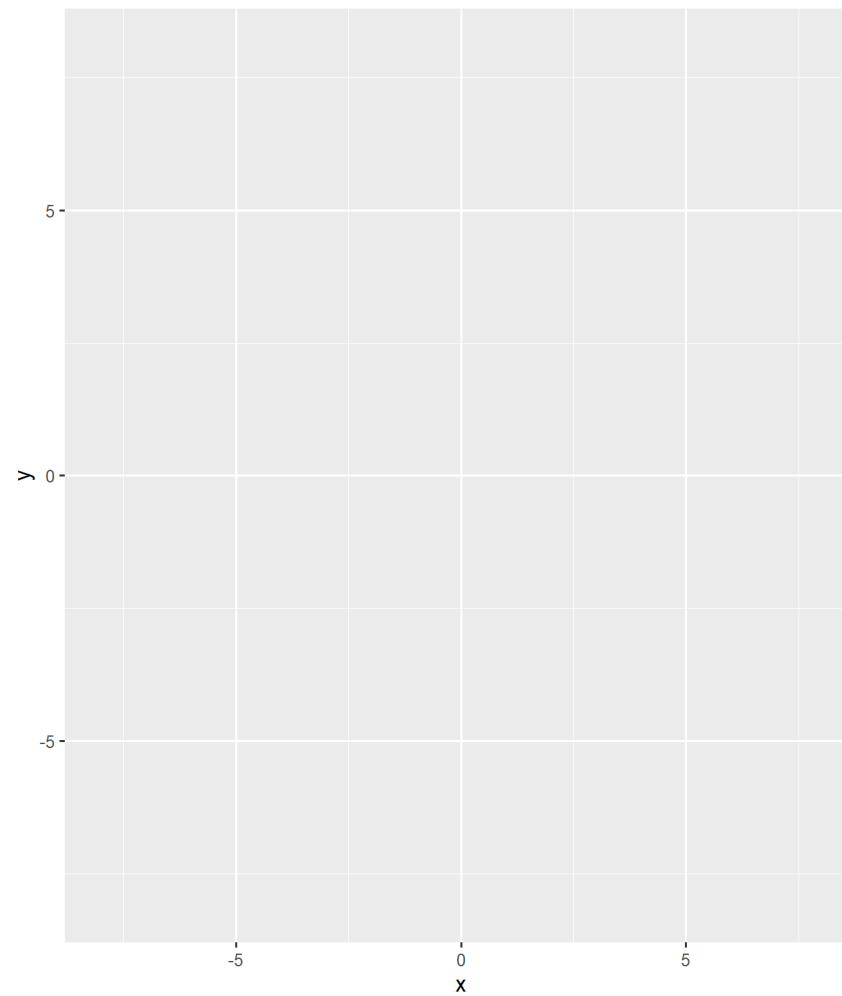
```
bind_rows(start_grid, end_grid) %>%  
  ggplot()
```



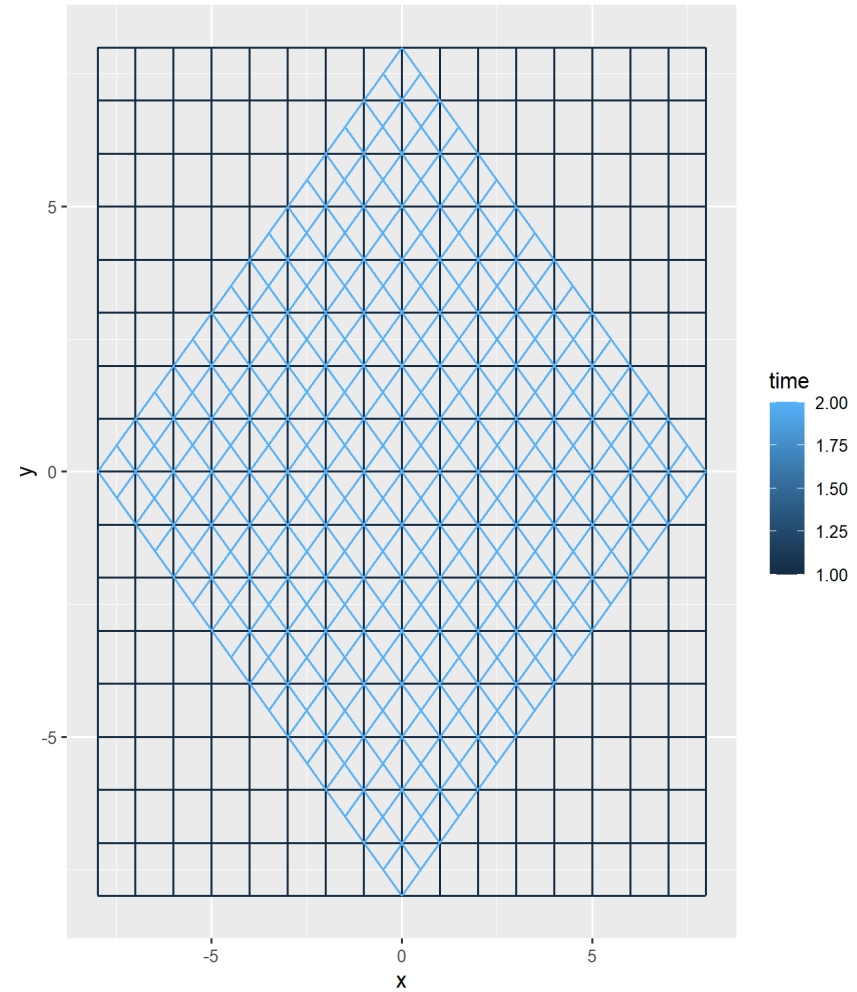
```
bind_rows(start_grid, end_grid) %>%  
  ggplot() +  
  aes(x = x)
```



```
bind_rows(start_grid, end_grid) %>%  
  ggplot() +  
  aes(x = x) +  
  aes(y = y)
```



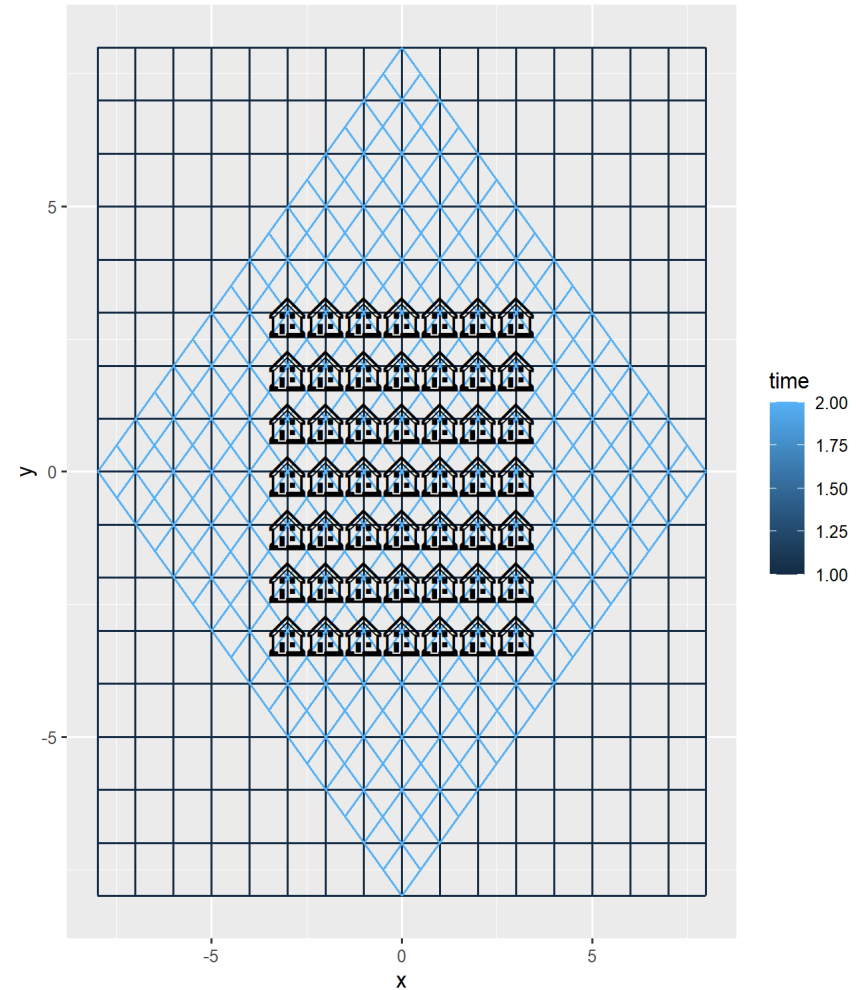
```
bind_rows(start_grid, end_grid) %>%  
  ggplot() +  
  aes(x = x) +  
  aes(y = y) +  
  geom_segment(aes(  
    xend = xend,  
    yend = yend,  
    group = index,  
    colour = time  
  ))
```



```

bind_rows(start_grid, end_grid) %>%
  ggplot() +
  aes(x = x) +
  aes(y = y) +
  geom_segment(aes(
    xend = xend,
    yend = yend,
    group = index,
    colour = time
  )) +
  geom_text(aes(label = symbol),
            data = house_points,
            size = 8)

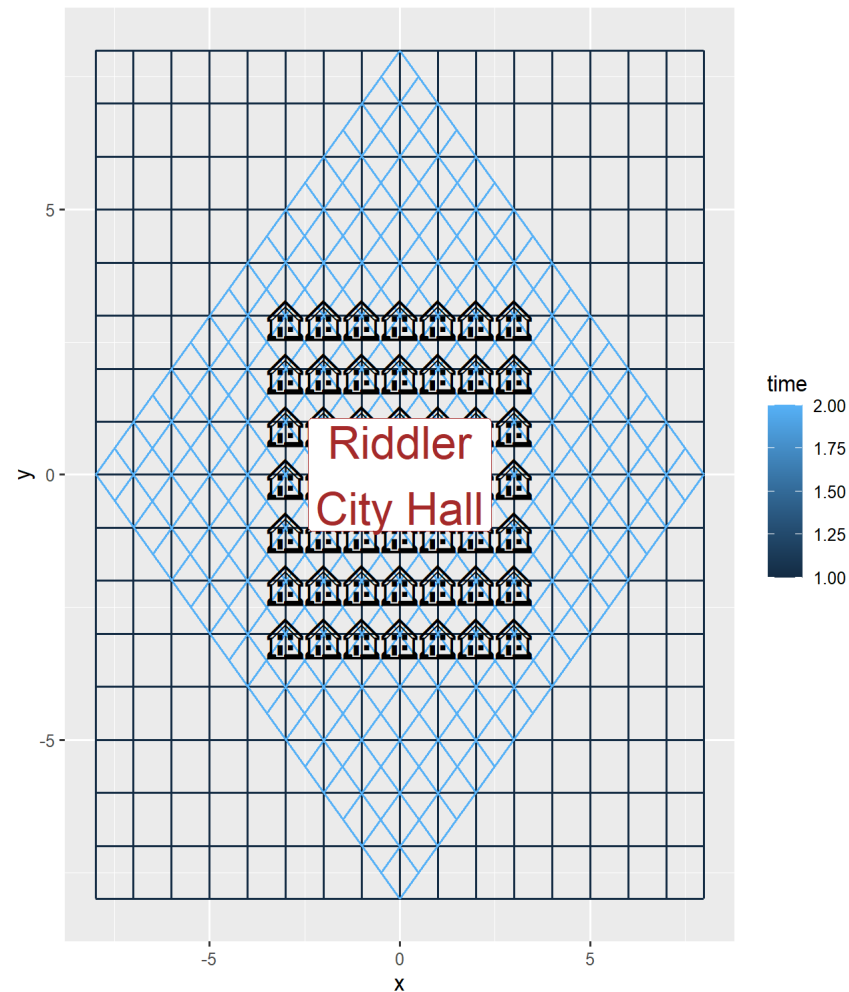
```



```

bind_rows(start_grid, end_grid) %>%
  ggplot() +
  aes(x = x) +
  aes(y = y) +
  geom_segment(aes(
    xend = xend,
    yend = yend,
    group = index,
    colour = time
  )) +
  geom_text(aes(label = symbol),
            data = house_points,
            size = 8) +
  geom_label(
    aes(label = "Riddler\nCity Hall"),
    data = city_hall,
    size = 8,
    color = "brown"
  )

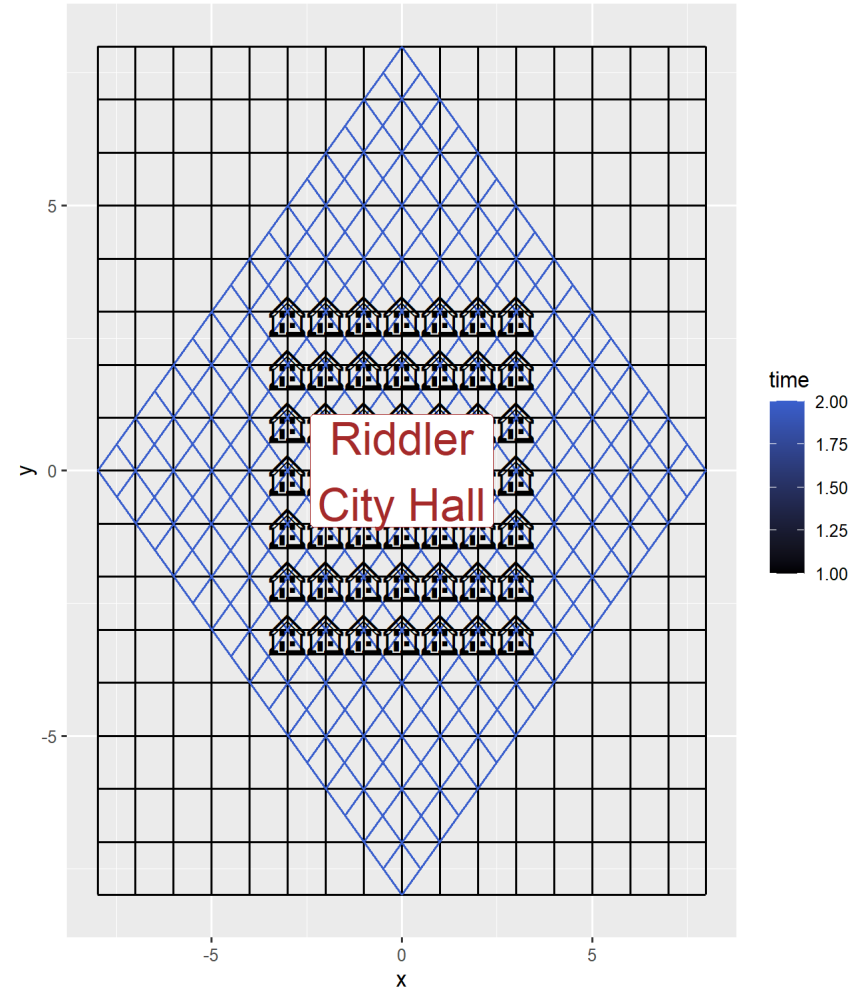
```



```

bind_rows(start_grid, end_grid) %>%
  ggplot() +
  aes(x = x) +
  aes(y = y) +
  geom_segment(aes(
    xend = xend,
    yend = yend,
    group = index,
    colour = time
  )) +
  geom_text(aes(label = symbol),
            data = house_points,
            size = 8) +
  geom_label(
    aes(label = "Riddler\nCity Hall"),
    data = city_hall,
    size = 8,
    color = "brown"
  ) +
  scale_colour_gradient(low = "black",
                        high = "royalblue")

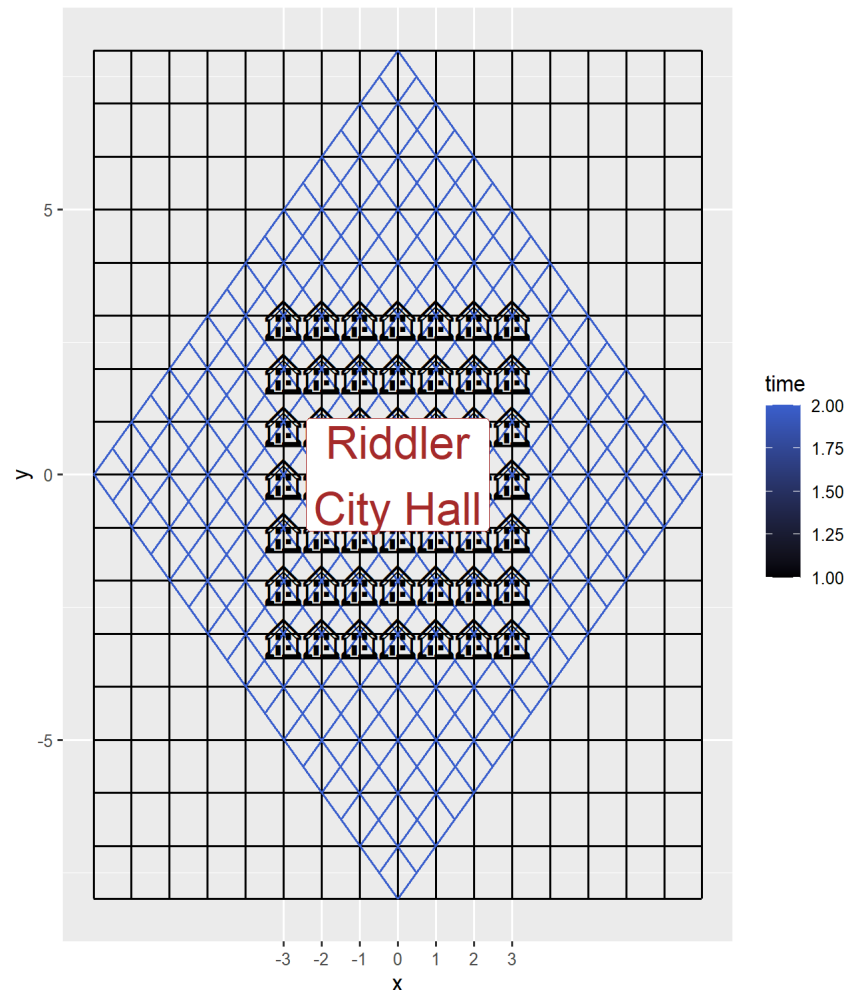
```




```

bind_rows(start_grid, end_grid) %>%
  ggplot() +
  aes(x = x) +
  aes(y = y) +
  geom_segment(aes(
    xend = xend,
    yend = yend,
    group = index,
    colour = time
  )) +
  geom_text(aes(label = symbol),
            data = house_points,
            size = 8) +
  geom_label(
    aes(label = "Riddler\nCity Hall"),
    data = city_hall,
    size = 8,
    color = "brown"
  ) +
  scale_colour_gradient(low = "black",
                       high = "royalblue")
  scale_x_continuous(breaks = -3L:3L,
                    minor_breaks = NULL)

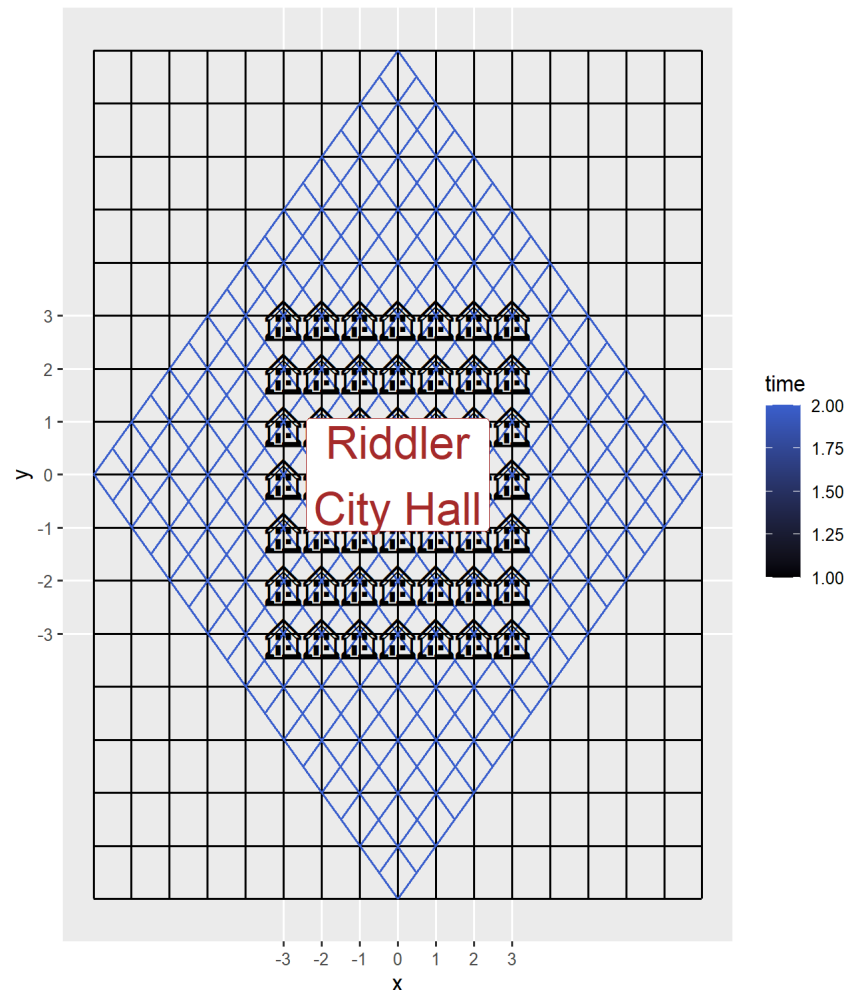
```



```

bind_rows(start_grid, end_grid) %>%
  ggplot() +
  aes(x = x) +
  aes(y = y) +
  geom_segment(aes(
    xend = xend,
    yend = yend,
    group = index,
    colour = time
  )) +
  geom_text(aes(label = symbol),
            data = house_points,
            size = 8) +
  geom_label(
    aes(label = "Riddler\nCity Hall"),
    data = city_hall,
    size = 8,
    color = "brown"
  ) +
  scale_colour_gradient(low = "black",
                       high = "royalblue")
  scale_x_continuous(breaks = -3L:3L,
                     minor_breaks = NULL)
  scale_y_continuous(breaks = -3L:3L,
                     minor_breaks = NULL)

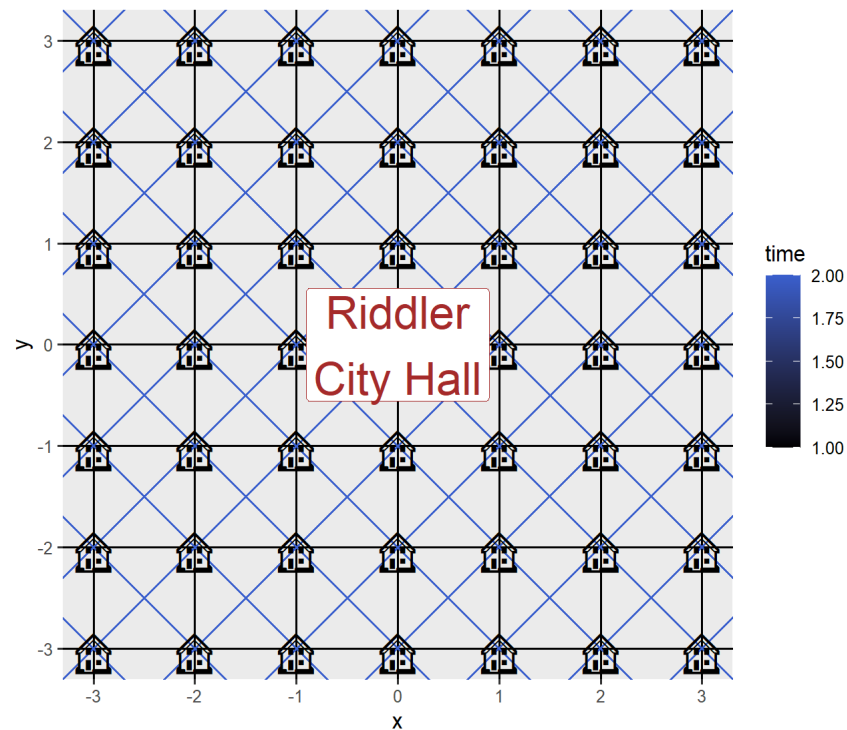
```



```

bind_rows(start_grid, end_grid) %>%
  ggplot() +
  aes(x = x) +
  aes(y = y) +
  geom_segment(aes(
    xend = xend,
    yend = yend,
    group = index,
    colour = time
  )) +
  geom_text(aes(label = symbol),
            data = house_points,
            size = 8) +
  geom_label(
    aes(label = "Riddler\nCity Hall"),
    data = city_hall,
    size = 8,
    color = "brown"
  ) +
  scale_colour_gradient(low = "black",
                        high = "royalblue")
  scale_x_continuous(breaks = -3L:3L,
                     minor_breaks = NULL)
  scale_y_continuous(breaks = -3L:3L,
                     minor_breaks = NULL)
  coord_fixed(xlim = c(-3, 3),
             ylim = c(-3, 3))

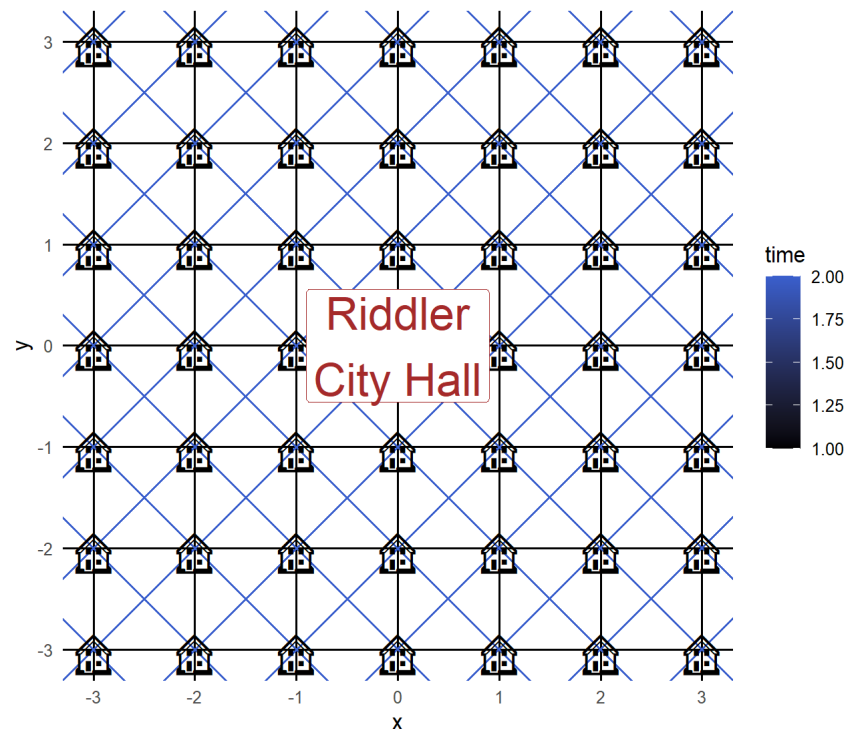
```



```

bind_rows(start_grid, end_grid) %>%
  ggplot() +
  aes(x = x) +
  aes(y = y) +
  geom_segment(aes(
    xend = xend,
    yend = yend,
    group = index,
    colour = time
  )) +
  geom_text(aes(label = symbol),
            data = house_points,
            size = 8) +
  geom_label(
    aes(label = "Riddler\nCity Hall"),
    data = city_hall,
    size = 8,
    color = "brown"
  ) +
  scale_colour_gradient(low = "black",
                       high = "royalblue")
  scale_x_continuous(breaks = -3L:3L,
                     minor_breaks = NULL)
  scale_y_continuous(breaks = -3L:3L,
                     minor_breaks = NULL)
  coord_fixed(xlim = c(-3, 3),
              ylim = c(-3, 3)) +
  theme_minimal()

```



```

bind_rows(start_grid, end_grid) %>%
  ggplot() +
  aes(x = x) +
  aes(y = y) +
  geom_segment(aes(
    xend = xend,
    yend = yend,
    group = index,
    colour = time
  )) +
  geom_text(aes(label = symbol),
            data = house_points,
            size = 8) +
  geom_label(
    aes(label = "Riddler\nCity Hall"),
    data = city_hall,
    size = 8,
    color = "brown"
  ) +
  scale_colour_gradient(low = "black",
                        high = "royalblue")
  scale_x_continuous(breaks = -3L:3L,
                     minor_breaks = NULL)
  scale_y_continuous(breaks = -3L:3L,
                     minor_breaks = NULL)
  coord_fixed(xlim = c(-3, 3),
              ylim = c(-3, 3)) +
  theme_minimal() +
  theme(
    axis.text = element_blank(),
    axis.title = element_blank(),

```

