

Pergunta 1

```
library(ggplot2)
theme_set(theme_light())

dados <- read.csv("./data/Paises_PIB_ICH.csv")
continentes <- c("Asia", "Africa")
paises <- c("United Arab Emirates", "Nepal", "Comoros", "Namibia")

dados <- dados[dados$Continent %in% continentes, ]

ggplot(dados, aes(x = GDP, y = HCI)) +
  geom_point(size = 3, aes(color = Continent, shape = Continent)) +
  scale_shape_manual(values = c(16, 18)) +
  scale_x_log10() +
  geom_text(data = subset(dados, Country %in% paises), aes(label = Country),
            vjust = -1, hjust = 0.5, size = 3.5) +
  labs(title = "Human Capital Index relative to GDP per capita",
       subtitle = "In Asian and African countries",
       x = "GDP per capita [2023]",
       y = "Human Capital Index [2020]")
```

