

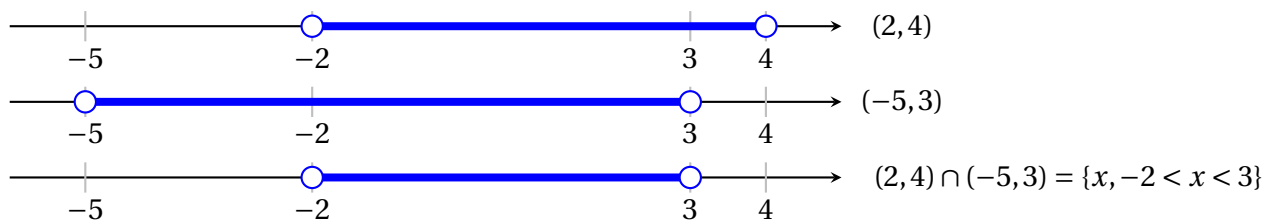
Lista de exercícios 2

Represente os seguintes números em forma fracionária quando for possível.

- 0,394
- 21,42
- 112,123121231212312...
- 5,3
- 91,373773777377773...
- 3,141592653589793...
- 5,1123212321232...
- 0,494949...
- 0,494949

Siga o modelo

$$(2, 4) \cap (-5, 3) = \{x, -2 < x < 3\}$$



- | | | |
|---|--|---|
| • $[0, 2] \cap [1, 3]$ | • $[-1, \infty) \cap \left[-\frac{9}{2}, 2\right[$ | • $\left[-\frac{1}{2}, 0\right) \cup \left[-\frac{3}{2}, -\frac{1}{4}\right]$ |
| • $[0, 2] \cap]1, 3[$ | • $[1, 2] \cap [0, 3] \cap [-1, 4]$ | • $\left((-2, 4) \cap [1, 9)\right)^c \text{ em } \mathbb{R}$ |
| • $\left]-1, \frac{2}{5}\right[\cap \left]0, \frac{4}{3}\right[$ | • $[-1, 3] \cup [0, 4]$ | • $\left((-\infty, 2) \cap [0, 2]\right)^c \text{ em } \mathbb{R}$ |
| • $(-\infty, 2] \cap [0, \infty)$ | • $[-1, 3] \cup [3, 5]$ | • $\left((-\infty, 4)^c \cap [-3, 5)^c\right)^c \text{ em } \mathbb{R}$ |