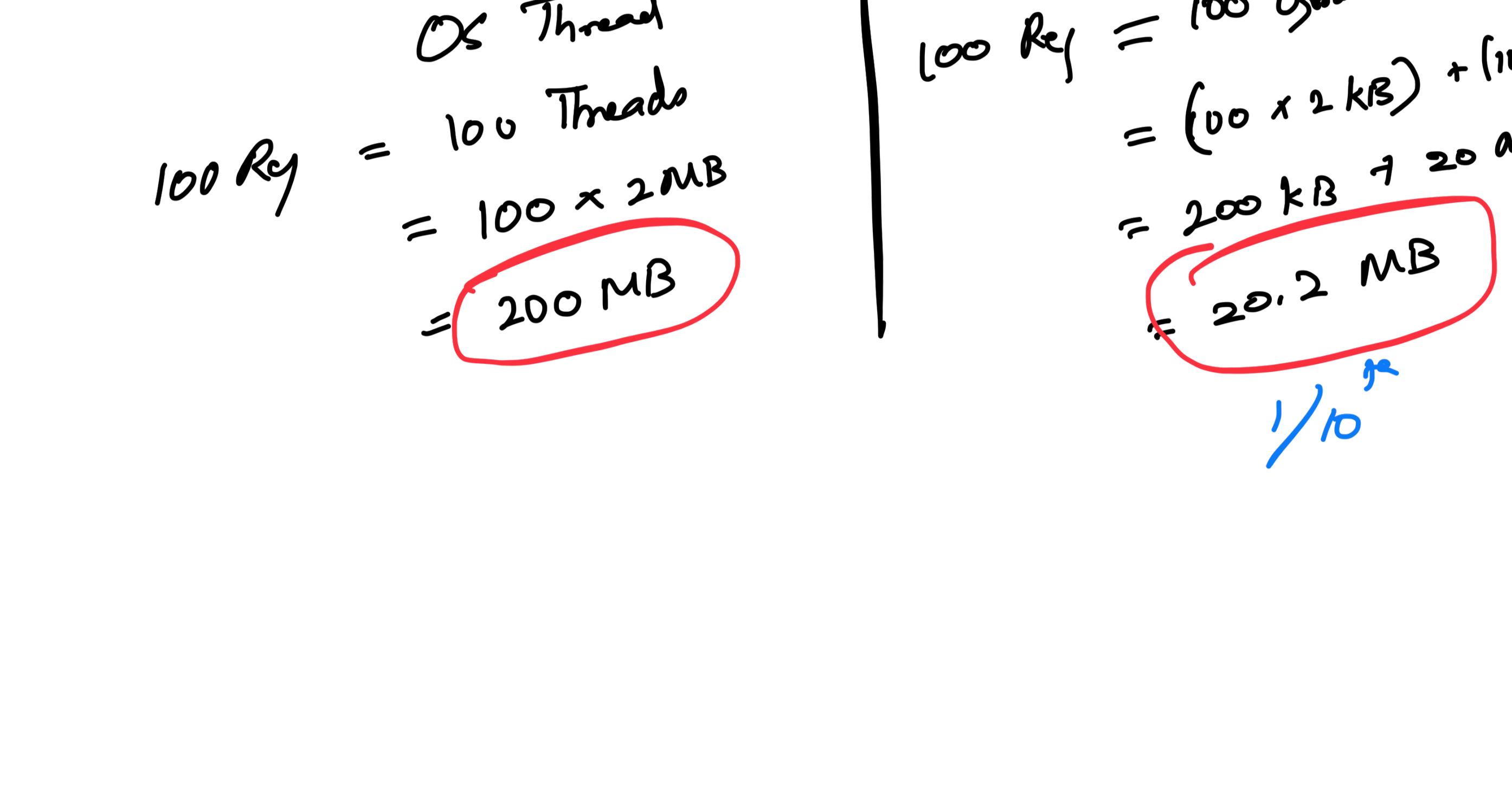
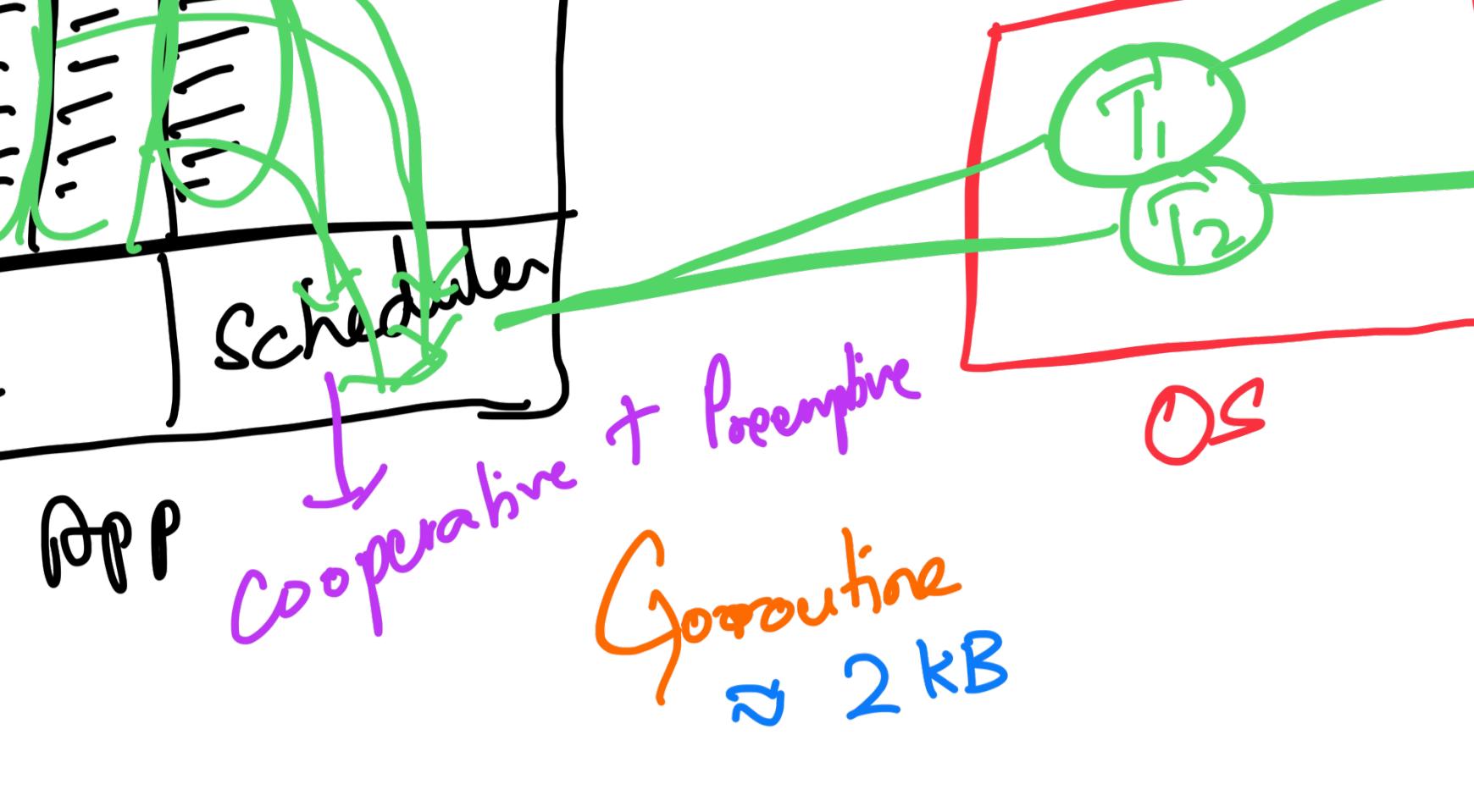


OS Thread

- $\approx 2 \text{ MB}$
- Context Switches are costly



$$100 \text{ Reg} = \text{OS Thread} = 100 \text{ Threads} = 100 \times 2 \text{ MB} = 200 \text{ MB}$$

$$100 \text{ Reg} = 100 \text{ Goroutine} + 10 \text{ OS Thread} = (100 \times 2 \text{ KB}) + (10 \times 2 \text{ MB}) = 200 \text{ KB} + 20 \text{ MB} = 20.2 \text{ MB}$$

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Language

Concurrence Model

Standard Library

Language

Concurrence Model

Standard Library