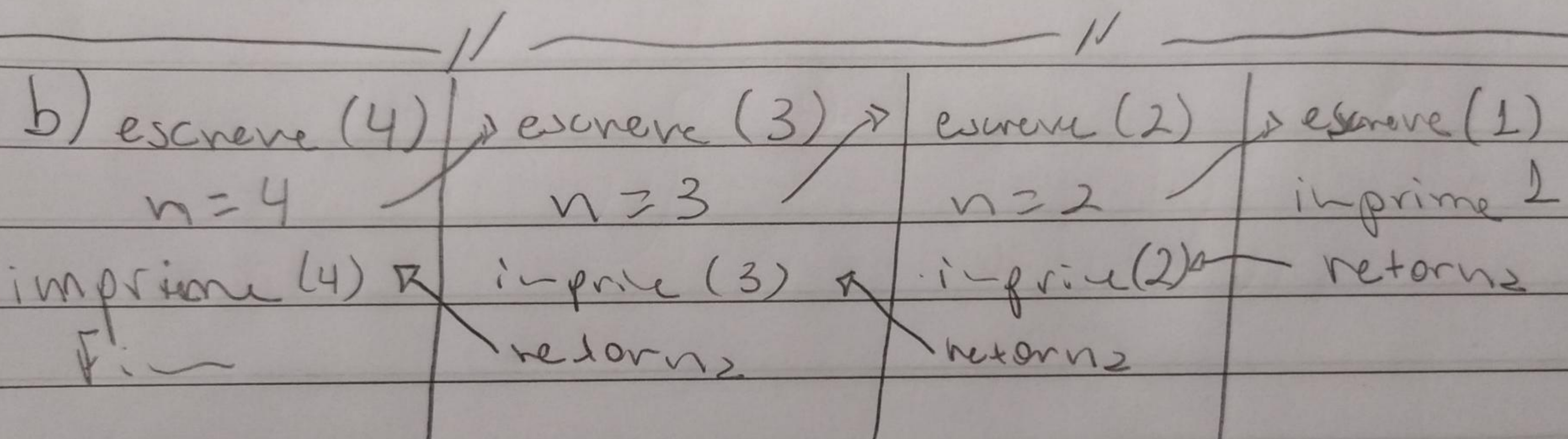




|              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1) a) $n=4$  | $n=3$        | $n=2$        | $n=1$        |
| $escreve(4)$ | $escreve(3)$ | $escreve(2)$ | $escreve(1)$ |
| $i=prime(4)$ | $i=prime(3)$ | $i=prime(2)$ | $i=prime(1)$ |
| $i=prime(4)$ | $i=prime(3)$ | $i=prime(2)$ |              |

|         |
|---------|
| 4 3 2 1 |
|         |
|         |
|         |





|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
|   |   |   |   |
|   |   |   |   |
|   |   |   |   |



|                |                        |                        |                        |
|----------------|------------------------|------------------------|------------------------|
| c) in pre (12) | frec (7)               | frec (3)               | frec (2)               |
| in pre (19)    | return $frec(7/2) + 7$ | return $frec(3/2) + 3$ | return $frec(1/2) + 1$ |
| Fin            | return (12)            | return (5)             | return (2)             |
| 12             | frec (10)              | frec (5)               | frec (2)               |
| 19             | return (5) + 10        | return (2) + 5         | return (1) + 2         |
|                | return (19)            | return (9)             | return (4)             |
|                |                        |                        | return (1)             |
|                | frec (1)               | frec (0)               |                        |
|                | return (0) + 1         | return (1)             |                        |
|                | return (2)             |                        |                        |