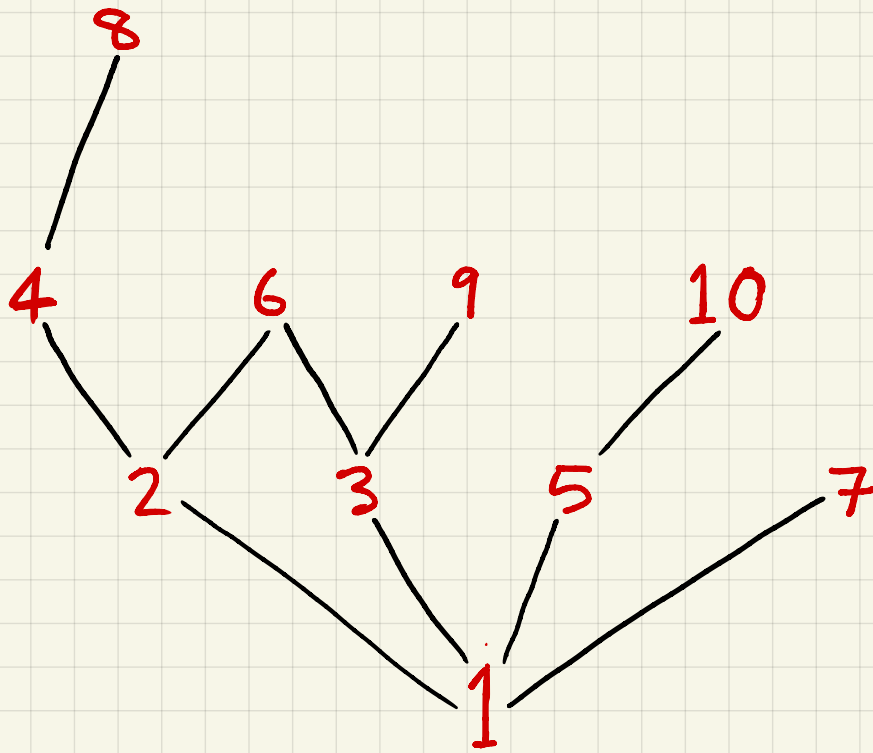a) Draw a Hasse diagram for the integers $\{1, \dots, 10\}$ using the partial ordering $a \leq b$ iff $a \mid b$.

b) Draw Hasse diagram for the following positions.



*           *2          *3          *           ↑*          ↓*          ↑           ↓

↑*2                     ↓*2