1/15 Homework 1

2.7 £1,2,33

$$1 \circ 2 = 2$$
 $1 \times 2 = 1$
 $1 \circ 3 = 3$ $1 \times 3 = 1$

Min $(2, x) \neq 3$

Min $(2, x) \neq 3$

Min $(2, x) \neq 1$

A serice in any case

10,1

2 does not have an inverse

20,1

2 also not have an inverse

20,1

2 also not have an inverse

10,1

2 also not ha

d) Invox $C \Box e^{-1} = 9$ $E^{-1}\Box e = 9$ 2 + C - 2) mod 3 = (-2 + 2) mod 3 1 + C - 1) mod 3 = (-1 + 1) mod 3mod s