

$$(d) (-1)(-1) = 1$$

Proof:

1. $(-1)(-1) = -(-1)$ (Ex-2.1, 1(c))
2. $(-1)(-1) = 1$ (Ex-2.1, 1(b))
3. $(-1)(-1) = 1$ (Transitivity of eq on 1, 2)